

737-11

Grtn 2472-

April
1908.



Bulletin
No. 21.

Standard and Water-tight

BOXES

FOR ALL

Electrical Installation

Purposes

outlet boxes

Made by

H. KRANTZ MANUFACTURING CO.

160-166 SEVENTH ST., BROOKLYN, N. Y.

C. C. DAVIS,

SALES AGENT,

1328 Chestnut Street,
PHILADELPHIA.

KRANTZ

TRADE MARK.

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We solicit correspondence on ANY Class of HIGH GRADE Floor or Outlet Boxes.

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TRADE MARK



KRANTZ BOXES. In this bulletin, which from this date will supersede our bulletins Nos. 4 and 5, we illustrate a line of—

Floor, Wall, Ceiling, Elevator, Receptacle, Switch, Conduit and Junction Boxes as well as standard and watertight boxes with plugs and receptacles for either wood, concrete or parquet floors or marine installations.

KRANTZ BOXES like **KRANTZ** Panels, Switches and Switch-Boards require no introduction to the Electrical Engineer, Contractor or Jobber. Our material is now and has been for many years **THE STANDARD** wherever strictly High Grade Electrically and Mechanically perfect material is desired.

KRANTZ BOXES may be had finished in any (Electrically approved) finish, such as Japanned inside and outside. Galvanized in and outside. Japanned inside and Galvanized outside or in the best known of all approved finishes—

PORCELAIN LINING.

PORCELAIN LINING is a very high insulator and the **BEST AND SUREST RUST PREVENTATIVE** known. It forms an insulating coating which is **ABSOLUTELY MOISTURE PROOF**, is not affected by **CHEMICALS AND ACIDS** and withstands exceedingly high temperature without any harm.

"After carefully testing this lining, the Underwriters say: 'The enamel is **SMOOTH AND HARD** and adheres to the iron well, quite a **SHARP BLOW** being required to chip it off. The enamel **CANNOT BE CRACKED** by screwing pipe into the fitting unless enough **FORCE IS USED** to split the fitting entirely.' "

IN ORDERING

STATE PLAINLY location and size of conduit holes (send diagram).

Whether for Clearance or tapped.

Size of conduit or pipe.

Finish of boxes both in and outside.

Catalogue numbers.

Shipping directions whether by Freight or Express (state route).

All shipments are F. O. B. N. Y.

Trade Discounts and Terms—On application.

H. KRANTZ MANUFACTURING COMPANY,

160-166 Seventh Street,

Brooklyn, New York.

We build Switch-Boards, Panel and Distributing Board, Knife Switches, and other **HIGH GRADE** Electrical Specialties.

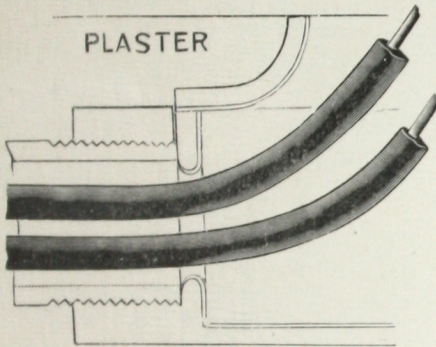
KRANTZ

TRADE MARK.

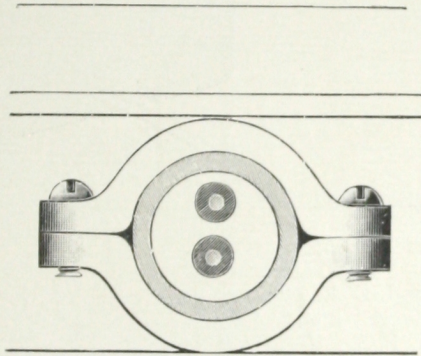
A Few Distinctive Points On

KRANTZ CLAMP TYPE OUTLET BOXES.

Nos. 401, 601, 702, 801, 851 are Clamp Type Boxes.



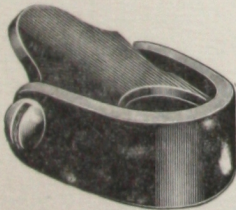
Section showing conduit clamped to box.



End view showing conduit clamp closed.

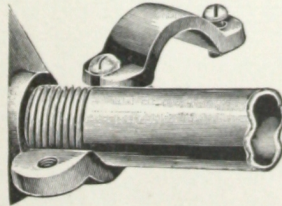
THE ABOVE CUTS SHOW THE GENERAL CONSTRUCTION OF THE CLAMP TYPE BOX.

Each outlet of the box is provided with a threaded extension, the inner edge of which is formed into an insulating bushing. The threaded end of the conduit is placed in the threaded extension of the box, the clamp is then placed over the conduit and fastened to the box by means of two screws as shown.



Top conduit clamp.

NO BUSHINGS AND NO LOCKNUTS ARE REQUIRED WITH THIS TYPE OF BOX. The boxes not only save the EXPENSE OF BUSHINGS AND LOCKNUTS, but SAVE CONSIDERABLE LABOR in installing conduit.



Side conduit clamp open.

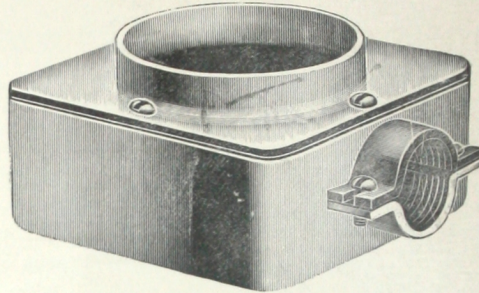
The MOST PERFECT MECHANICAL AND ELECTRICAL (GROUND) CONNECTIONS are secured by this box with the entire conduit system of the building.

Clamp Type Boxes are practical, convenient, electrically perfect, and easily installed.

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KRANTZ CLAMP TYPE BRACKET BOX.



No. 401

THIS CUT SHOWS THE GENERAL APPEARANCE OF THE CLAMP TYPE BRACKET BOX.

They are made of Sheet Steel and stamped in one piece. The lower portion of the clamp is rigidly secured to the box by means of "wings" which are riveted on inside. The covers are fastened with 4 screws to ears on inside of box.

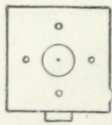
This type of box is adaptable for both ceiling or wall outlets and is made with various combinations of outlets as shown below.

Outside Dimensions of Box.....4 x 4 ins.

Depth of Box and Cover.....2 ins.

Diameter of Opening in Cover.....2¾ ins.

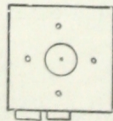
DIAGRAM OF OUTLETS.



No. 401

411

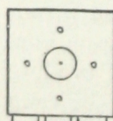
Price **40c.**



402

412

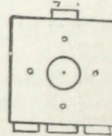
40c.



403

413

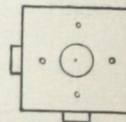
43c.



404

414

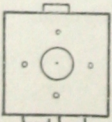
47c.



405 ½ in. Conduit.

415 ¾ in. Conduit.

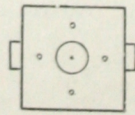
45c. Japped.



No. 406

416

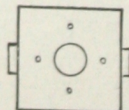
Price **45c.**



407

417

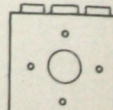
45c.



408

418

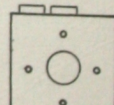
50c.



409

419

55c.



410 ½ in. Conduit.

420 ¾ in. Conduit.

50c. Japped.

Price of Porcelain Lined Boxes on application.

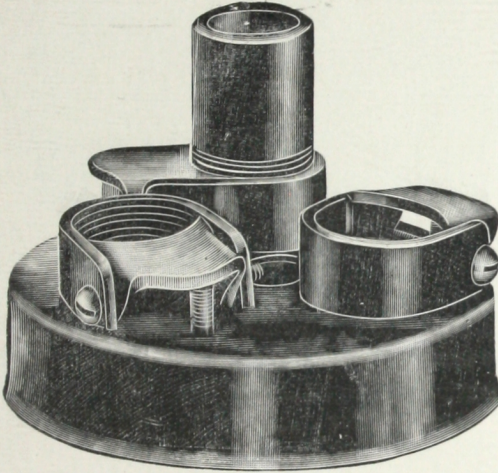
We make a Stamped Steel Bracket Box No. 400. See page 12.

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KRANTZ CLAMP TYPE CEILING BOXES.

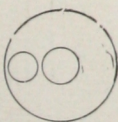
This cut shows the box No. 603 with three conduit clamps.



This type of box is especially adapted for ceiling work and is so constructed that all work in connection with fastening conduit is performed from the inside of the box. This makes it possible to use the box without defacing the ceiling in any way; the hole in the ceiling being only the size of the box proper. The box is set up to the conduit and the tightening of the set screw under the clamp securely locks the conduit to the outlet box.

Inside diameter of box 4 inches. Depth 7-8 inch.

DIAGRAM OF OUTLETS.

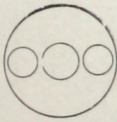


No. 601

611

Price **36c.**

Price **56c.**

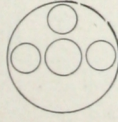


602

612

40c.

60c.



603 ½ inch Conduit.

613 ¾ inch Conduit.

45c. Japanned.

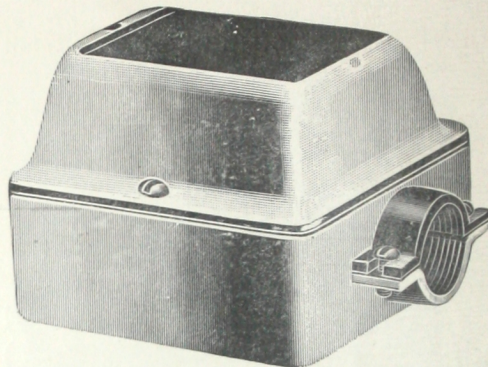
65c. Porcelain Lined.

When a Brass Canopy is required for the above Box, we can furnish them to meet specifications, and will quote prices on application.

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KRANTZ CLAMP TYPE STEEL SWITCH BOXES.



No. 401 S.

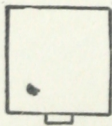
These Boxes are used for Flush Push Button Switches and Flush Receptacles. If boxes are to be used for Snap Switches, specify make of Switch in order.

Outside Dimensions of Box..... 4" long 4" wide 1½" Deep.

Outside " Box & Cover 4" " 4" " 3" "

Clamps extend 5-8".

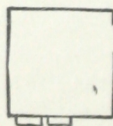
DIAGRAM OF OUTLETS OF SINGLE SWITCH BOXES.



No. 401 S

411 S

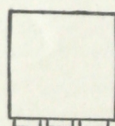
Price **46c.**



402 S

412 S

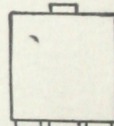
46c.



403 S

413 S

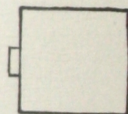
50c.



404 S

414 S

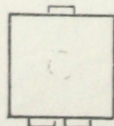
55c.



405 S ½ in. Conduit.

415 S ¾ in. Conduit.

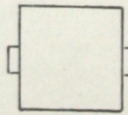
50c. Japped.



No. 406 S

416 S

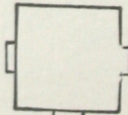
Price **55c.**



407 S

417 S

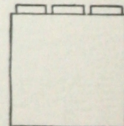
50c.



408 S

418 S

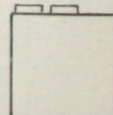
55c.



409 S

419 S

60c.



410 S ½ in. Conduit.

420 S ¾ in. Conduit.

55c. Japped.

The above prices are for switch boxes and covers only and do not include push button plates.

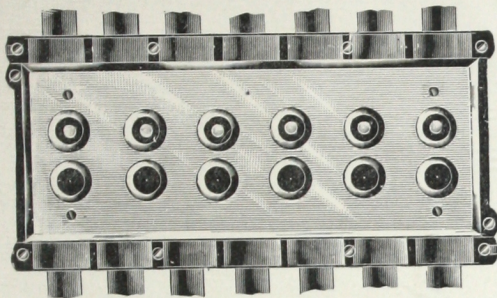
Prices of Porcelain Lined Boxes on application.

The above box is standard. The Cover is spaced, drilled and tapped for ANY Standard MAKE of Push-Button Switch or Flush Receptacle.

KRANTZ

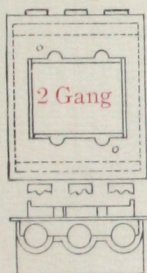
TRADE MARK.

KRANTZ CLAMP TYPE GANG SWITCH BOXES.



No. 706—716.

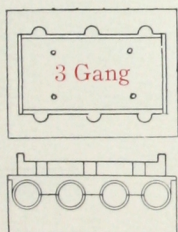
These Boxes are made for 2, 3, 4, 5 and 6 Flush Switches or Receptacles. The distance between centers of Switches is $1\frac{1}{8}$ ins.



702

712

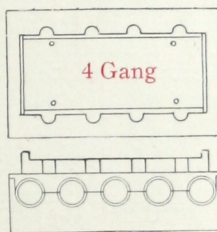
Price **80c.**



703

713

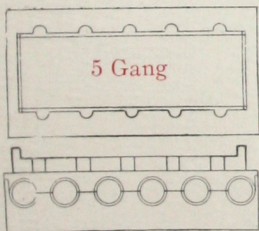
\$1.30



704 $\frac{1}{2}$ in. Conduit.

714 $\frac{3}{4}$ in. Conduit.

\$1.50 Japped.

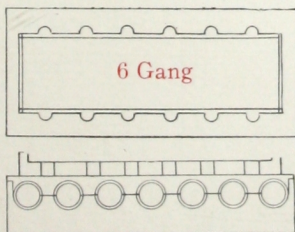


705

715

Price

\$1.90



706 $\frac{1}{2}$ in. Conduit.

716 $\frac{3}{4}$ in. Conduit.

\$2.30 Japped.

The above prices are for switch boxes and covers only and do not include switch gang plates.

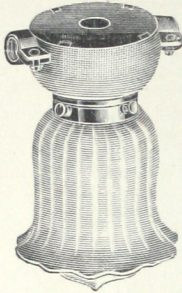
Price of Porcelain Lined boxes on application.

We build Gang Switch Boxes in Steel or Iron to accommodate ANY NUMBER of Switches.

KRANTZ

TRADE MARK.

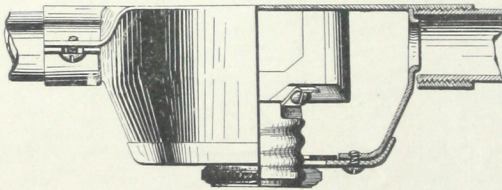
W. S. CLAMP TYPE RECEPTACLE BOXES.



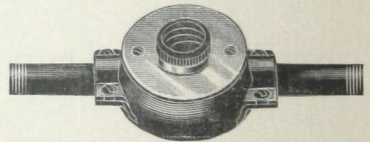
No. 852

Width of Box at Top..... 3 1-8 ins.
 Width of Box at Bottom..... 2 3-4 ins.
 Depth of Box..... 1 7-8 ins.
 Brass Canopy 3 x 1-4 ins.

This cut shows the box as placed in the wall or ceiling. It is provided with a fibre lined canopy, or shade holder, and is especially adapted for decorative lighting of theatres, halls, parlors, club rooms, dining rooms, art galleries, stores and offices.



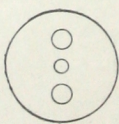
No. 852



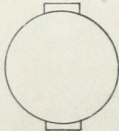
No. 852

This cut shows the full detail of construction.

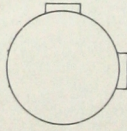
DIAGRAM OF OUTLETS.



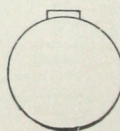
No. 851
861



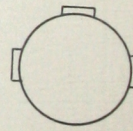
852
862



853
863



854
864



855 1/2 in. Conduit.
865 3/4 in. Conduit.

Price of Porcelain Lined Box with Receptacle Socket Ring and Polished Brass Fibre Lined Canopy.....

92c

Price of Japanned Box with Receptacle Socket Ring and Polished Brass Fibre Lined Canopy.....

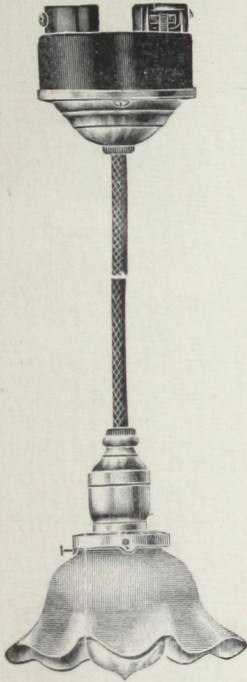
72c

Various styles and widths of Brass Canopies can be used with the above Box.
 Particulars on application.

KRANTZ

TRADE MARK

W. S. CLAMP TYPE DROP CORD BOXES.

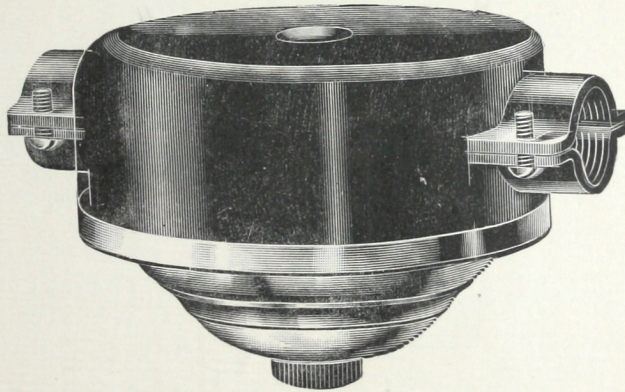


No. 801

Inside Diameter of Box 3 5-8 ins.
 Inside Depth of Box 1 1/2 ins.

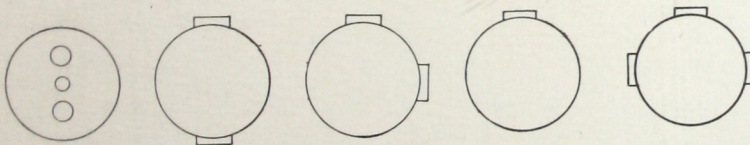
This cut shows the box with drop cord rosette, POLISHED BRASS CANOPY with rubber bushing, and lamp outfit.

The canopy has a flange which allows of an adjustment in case the box has not been set flush with the plaster line.



No. 802

DIAGRAM OF OUTLETS.



No. 801

811

802

812

803

813

804

814

805 1/2 in. Conduit.

815 3/4 in. Conduit.

Price of Porcelain Lined Box with Rosette and Bushed Brass Canopy.....\$1.10
 Price of Japanned Box with Rosette and Bushed Brass Canopy......90
 Price of Bushed Brass Canopy only......25

We use a regular Type Porcelain Rosette in the above box.

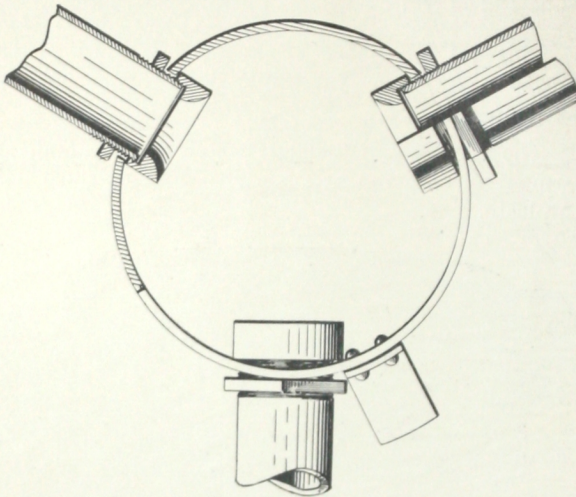
KRANTZ

TRADE MARK

STEEL BOXES FOR CONCRETE FLOORS AND CEILINGS.

No. 346.

(Patented.)



Sectional view showing method of fastening conduit.

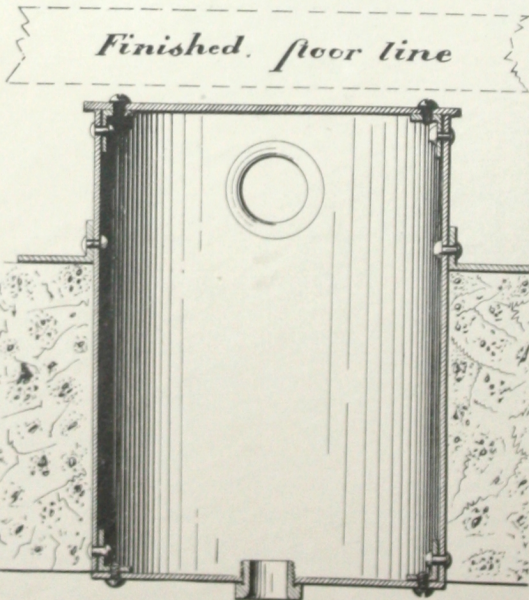


Fig. 2.

Outside Dimensions.

Width over Lugs, $5\frac{3}{4}$ "

Diameter of box, 4"

Height to suit conditions

This box is made of $\frac{1}{4}$ " sheet steel and is particularly adapted for use in concrete ceilings and floors.

Figure 2 shows box set in concrete ceiling (below floor level) and extending through to ceiling level below.

Cover shown is fitted with rubber bushing for drop-light cord.

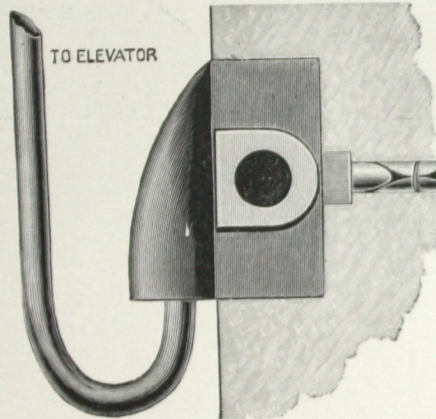
We are prepared to furnish this style of box in any width and height to suit the various conditions of concrete floors or ceilings and will quote prices on receipt of details as to requirements.

Give thickness of concrete ceiling or floor. Width and height of box, size, number and location of conduit holes. (Send diagram of locations.) State whether box is for use with Drop-lights, Arcs or Chandeliers. State finish, Japanned or Porcelain lined.

Special Boxes, such as shown above, can only be quoted on when explicit data is submitted.

KRANTZ
TRADE MARK.

**KRANTZ TYPE E. L. ELEVATOR BOX.
PORCELAIN LINED.**



No. 448.

(Patented.)

Dimensions 4 ins. square
Depth of box 1½ ins.
Outlet extends above cover 1½ ins.

This type of box is especially designed to meet the requirements of elevator wiring, and is constructed so as to be held in position either by lag screws or by expansion bolts. The cover is provided with an outlet for flexible cable, substantially as shown in cut.

These boxes will be drilled and tapped to suit the requirements up to 1 inch outlet or for conduit.

Price, Box and Cover, Porcelain Lined, **\$1.20**

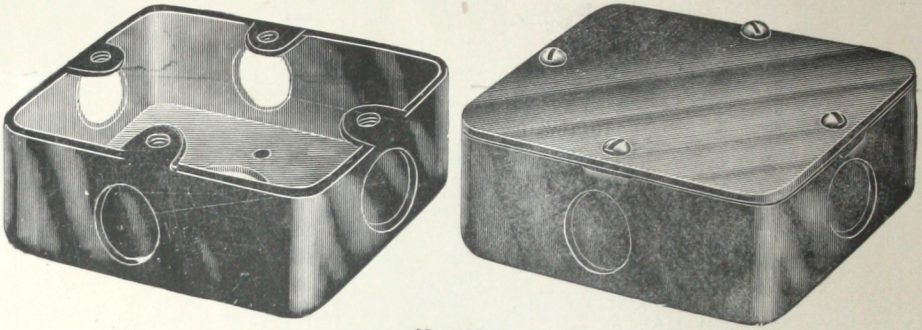
When ordering, please state the kind and size of conduit or cable to be used.

We have every modern facility for making Special Boxes for Elevator Wiring.

KRANTZ

TRADE MARK

STAMPED STEEL BRACKET BOXES.

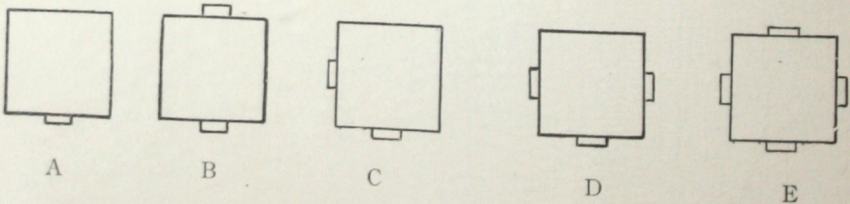


No. 400

Outside dimensions 4 x 4" x 1 5-8" deep.

This box is made of sheet steel in one piece.
 Ears are provided on inside for fastening covers as shown.
 They are Japan finished and holes are **pierced** in the bottom for fixture support and also for fastening to wall.
 Conduit holes up to $\frac{3}{4}$ " are **pierced** as per diagrams below.

DIAGRAM OF OUTLETS.



List Price of Box and Cover, Japanned Finish, **30c.**

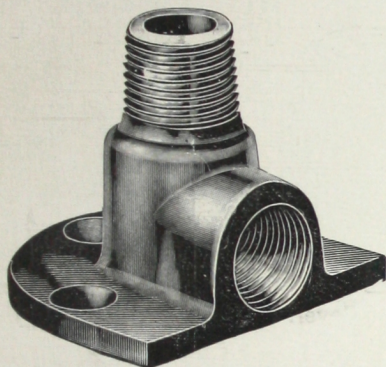
Always state size of conduit in ordering.

We make Porcelain Lined Bushings and Lock Nuts. Send for Bulletin No. 12.

KRANTZ

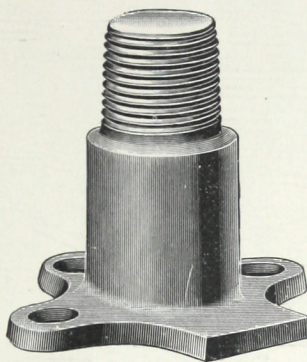
TRADE MARK

FIXTURE SUPPORTS FOR BRACKET BOXES.



Drop Elbow with Flange
for 3-8 in. Gas Pipe.

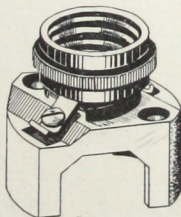
Price **12c.** each, Japanned.



Fixture Support with Flange
for 3-8 in. Pipe.

Price **8c.** each.

These supports are made of Malleable Iron and may be used in our Type H., N. & 400 boxes for fixture work. Particular care is given to the threading of these fittings. They are uniform and require no retapping or threading.



No. 850 H.

PORCELAIN BASE RECEPTACLES.

These receptacles are made in two sizes, L. being $1\frac{1}{2}$ " high and H. 2" high. Both are 2" wide at the base. They are made of a special grade of Vitrified Porcelain. The lamp ring is of heavy brass and fits any standard Edison Base lamp.

List price (either L. or H.) **18c.** each.

Fibre Socket ring **5c.** extra.

In ordering state distinctly whether L. or H. (Low or High).

Type H. N. and No. 400 and 401 Boxes are drilled and tapped in the bottom for either
Fixture Supports or Receptacles.

KRANTZ

TRADE MARK.

TYPE H. OUTLET BOXES FOR EXPOSED WORK.

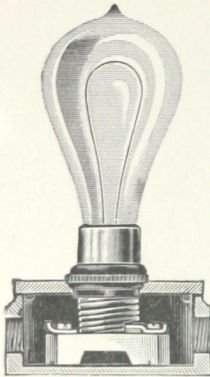
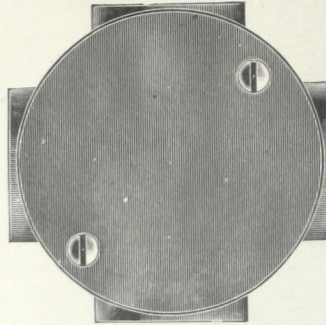


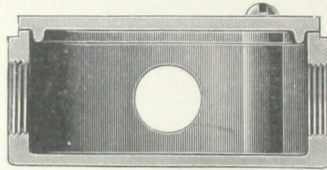
FIG. 1.

Section of 309 Box
with G. Cover.

Outside dimensions
of box,
 $3\frac{1}{2}$ " in diameter,
 $1\frac{1}{2}$ " in depth.



No. 309 Box with F. Cover.



Section of 309 Box with F. Cover.

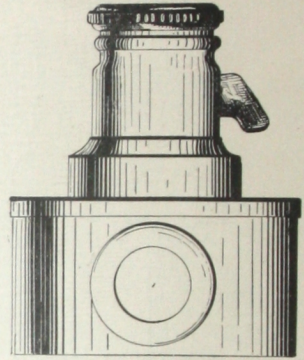


FIG. 2.

309 Box with S. Cover.

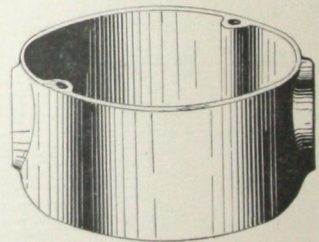
Covers are $3\frac{1}{4}$ " in
diameter.

This is a cast iron box suitable for exposed work.

It is tapped to receive the threaded end of the conduit.

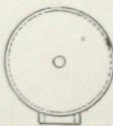
Various styles of covers are made for this box which are shown on opposite page.

Figs. 1 and 2 show some of the many purposes to which this box may be adapted.

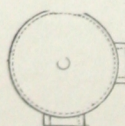


309 Box without cover.

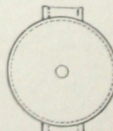
DIAGRAM OF OUTLETS.



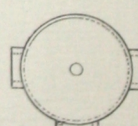
No. 309 }
Box only } **40c.**



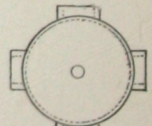
44c.



44c.



48c.



53c. each.

Drilled and Tapped for either $\frac{1}{2}$ " or $\frac{3}{4}$ " conduit, and finished in black Japan.

Prices of Porcelain Lined boxes on application
Always state size of conduit in ordering.

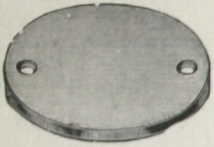
We manufacture Boxes of Steel, Iron or Brass, to meet special requirements of Exposed Work.

KRANTZ

TRADE MARK.

COVERS FOR TYPE H. BOXES.

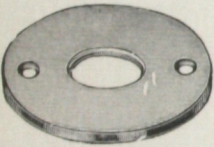
Diameter $3\frac{1}{4}$ "



FLAT COVER.

No. 309 F.

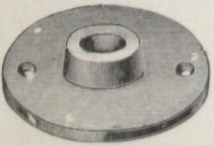
Price Japanned..... **10c**



CONCEALED SOCKET COVER.

No. 309 G.

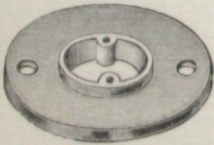
Price Japanned..... **10c**



STEM COVER.

No. 309 N.

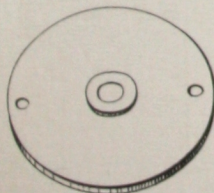
Price Japanned..... **20c**



WALL SOCKET COVER.

No. 309 S.

Price Japanned..... **12c**



FIBRE BUSHING COVER.

No. 309 O.

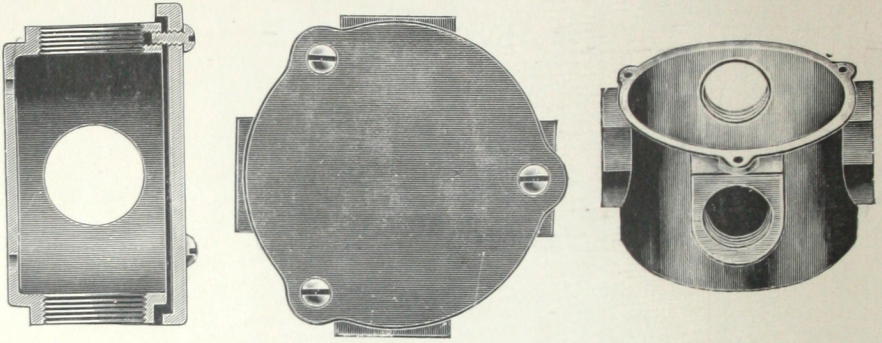
Price Japanned (including Bushing)..... **25c**

Special Covers will be made to order. State your requirements explicitly when asking for prices.

KRANTZ

TRADE MARK

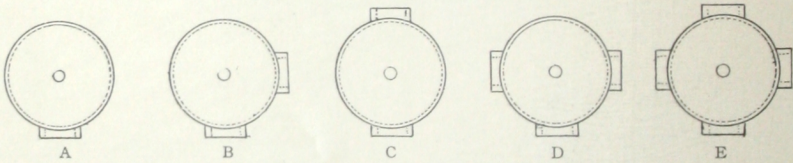
TYPE N.-WATER-TIGHT OUTLET BOXES.



This type of box is arranged for water-tight installations. A rubber gasket is placed between the box and the cover to make it watertight.

They are made in three different sizes and tapped for conduit as shown in diagrams below.

DIAGRAM OF OUTLETS.



Prices of boxes only drilled and tapped for—

$\frac{1}{2}$ or $\frac{3}{4}$ in. Conduit.

1 in. Conduit.

	JAPANNED.
No. 325 A.....	\$0.50
No. 325 B.....	.56
No. 325 C.....	.56
No. 325 D.....	.62
No. 325 E.....	.68

	JAPANNED.
No. 326 A.....	\$0.60
No. 326 B.....	.68
No. 326 C.....	.68
No. 326 D.....	.76
No. 326 E.....	.84

Inside dimensions.

Diameter 3 ins. Depth $1\frac{3}{4}$ ins.

Diameter $3\frac{1}{4}$ ins. Depth $1\frac{3}{4}$ ins.

For $1\frac{1}{4}$ in. Conduit.

	JAPANNED.
No. 327 A.....	\$0.75
No. 327 B.....	.85
No. 327 C.....	.85

	JAPANNED.
No. 327 D.....	\$0.95
No. 327 E.....	1.05

Inside dimensions.

Diameter $3\frac{1}{2}$ ins. Depth $2\frac{1}{4}$ ins.

For styles and prices of covers see opposite page.

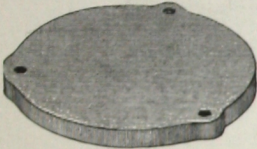
Gaskets are charged for extra. No. 325, **6c**; No. 326, **8c**; No. 327, **10c** List.
Always state size of conduit in ordering.

Type N. Boxes may be had Porcelain Lined. Prices on application.

KRANTZ

TRADE MARK

COVERS FOR TYPE N. BOXES.

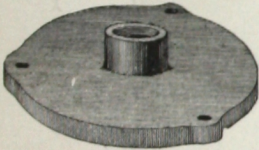


F. N. BLANK COVER.

For No. 325 Box
Price Japanned **12c.**

No. 326 Box
15c.

No. 327 Box
18c.

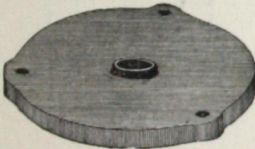


N. N. STEM COVER TAPPED FOR CONDUIT.

Specify size of conduit when ordering.

For No. 325 Box
Price Japanned **22c.**

No. 326 Box
26c.

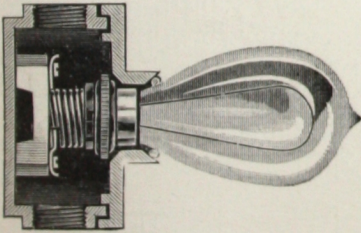


B. N. COVER WITH RUBBER BUSHING.

For No. 325 Box
Price Japanned **22c.**

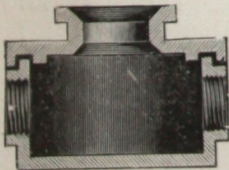
No. 326 Box
28c.

No. 327 Box
32c.



L. N. COVER FOR No. 325 BOX.

Price Japanned..... **14c.**



G. N. COVER FOR No. 325 BOX.

Price Japanned **14c.**

Diameter of Covers—

No. 325

$3\frac{1}{4}$ "

Gaskets, **6c. each**

No. 326

4"

8c. each

No. 327

$4\frac{3}{4}$ "

10c. each

We manufacture Boxes for all electrical purposes for Exposed, Concealed and Water-tight Installations.

KRANTZ

TRADE MARK

SQUARE WATER-TIGHT OUTLET BOXES.

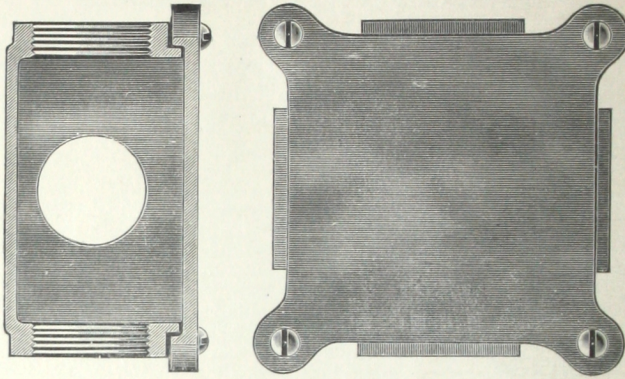
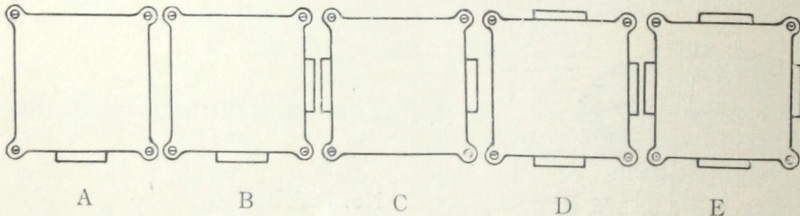


DIAGRAM OF OUTLETS.



Price of box drilled and tapped, with cover.

$\frac{1}{2}$ or $\frac{3}{4}$ in. Conduit.

1 in. Conduit.

	JAPANNED.
No. 328 A.....	\$0.72
No. 328 B.....	.78
No. 328 C.....	.78
No. 328 D.....	.88
No. 328 E.....	.98

Inside dimensions $3\frac{3}{4} \times 3\frac{3}{4}$ ins.
Depth 1 7-8 ins.

	JAPANNED.
No. 329 A.....	\$1.00
No. 329 B.....	1.12
No. 329 C.....	1.12
No. 329 D.....	1.24
No. 329 E.....	1.36

Inside dimensions $5\frac{1}{4} \times 3\frac{3}{4}$ ins.
Depth $3\frac{1}{2}$ ins.

$1\frac{1}{4}$ in. Conduit.

	JAPANNED.
No. 330 A.....	1.60
No. 330 B.....	1.80
No. 330 C.....	\$1.80

Inside dimensions $5\frac{3}{4} \times 5\frac{3}{4}$ ins.

	JAPANNED.
No. 330 D.....	\$2.00
No. 330 E.....	2.20

Depth 3 ins.

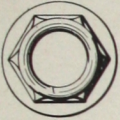
Gaskets extra.

For Extra Large Boxes of the above type see pages 20, 21, 24.

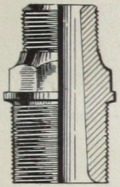
KRANTZ

TRADE MARK.

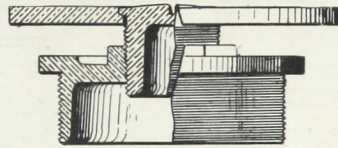
SPECIAL WATER-TIGHT FLOOR BOXES.



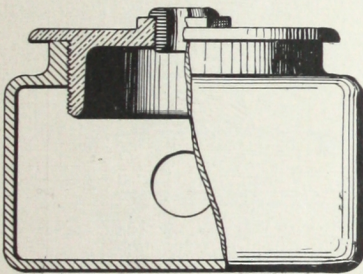
Sectional view of plug with nipple extension.



No. 345 Plug.



No. 345 P. Cover with solid plug and brass floor plate.



Sectional view of box with 345 B. cover.



Top view of box and 345 B. cover with rubber bushing.

No. 345.

OUTSIDE DIMENSIONS.

Box 4 x 4 x 2 5-8" high. Cover opening 2 1/2"

345 B. Cover	3 1/2"	in Diameter	} adjustment 3/4"
345 P. " "	3"	" "	
Floor Plate, " "	3 3/4"	" "	

This box is made of cast iron. The Covers, Floor Plate, Plug and Plug Nipple are of cast brass highly polished and lacquered. Both styles of covers have an adjustment of 3/4" and are interchangeable.

This box may be used for Floor, Ceiling, Wall or Cord outlet purposes.

Price on application.

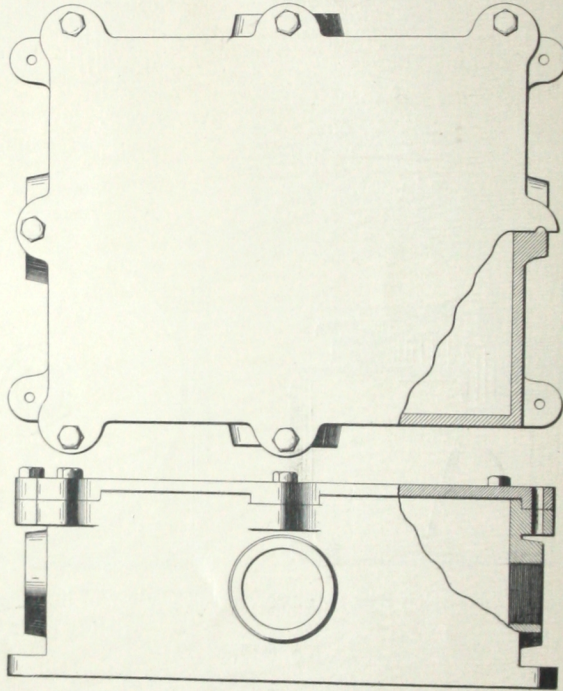
State your requirements in detail as to quantity, finish, style of cover, number and size of conduit holes.

We make Water-tight Boxes with Cut-Outs and Plug and Receptacles.
See pages 26, 27, 28, 29, 30.

KRANTZ
TRADE MARK.

HEAVY CAST IRON BOXES WITH BOTTOM LUGS.

No. 919.



DIMENSIONS.

OUTSIDE.		INSIDE.
12½"	Length	10"
10¼"	Width	8"
4½"	Depth	4"

This box is made of cast iron on the same lines as Nos. 920-21-22-23, shown on page 21, but with the addition of outside lugs at each corner as shown above.

These lugs are drilled through so that box may be fastened in any position desired to wall or floor. The cover is a one piece iron casting, held in position by bolts. A rubber gasket is used to make the box water-tight.

Conduit holes up to 2" in diameter will be drilled and tapped when so ordered.

LIST PRICE.

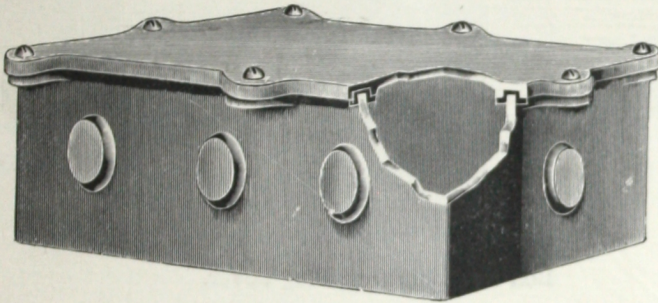
No. 919, Japanned,	\$6.00
No. " Porcelain lined,	\$7.75

We build Steel Cabinets, Trims and Doors. See pages 38, 40, 41 and 48.

KRANTZ

TRADE MARK

LARGE WATER-TIGHT OUTLET, PULL AND MANHOLE BOXES.



No. 922.

These boxes are made of cast iron, drilled and tapped for conduit as desired. They have a heavy cast iron cover and rubber gasket, and are heavily Japanned, Galvanized or Porcelain Lined.

The inside dimensions of these boxes are as follows:

Box No.	920	921	922	923
Length	8 ins.	11½ ins.	14 ins.	14 ins.
Width	6 ins.	6 ins.	10 ins.	12 ins.
Depth	4 ins.	3½ ins.	4 ins.	8 ins.
List prices of Boxes with Covers and Gaskets Japanned Finish.....	5.50	7.00	12.00	15.00
Porcelain Lined inside....	7.25	9.00	14.50	17.80

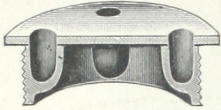
State catalogue number of box and size of conduit to be used.

We manufacture Manhole or Pull Boxes in any size desired. Particulars and prices on application.

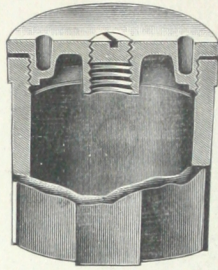
KRANTZ

TRADE MARK.

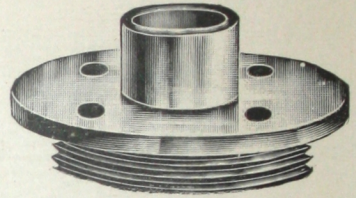
WATER-TIGHT FLOOR BOXES.



No. 1969 Flat Cover.



Box No. 1969 with Plug Cover.



No. 1969 Nipple Cover.

Outside dimensions of box $3\frac{1}{4}$ " high, $3\frac{1}{2}$ " wide.

This is a cast iron box with 4 bosses extending its full length on the outside. It will be drilled and tapped for $\frac{1}{2}$ " conduit.

As shown above any of the three styles of covers may be used with this box to suit various conditions. These covers are heavy cast brass, finely finished and lacquered and may be had with or without wrench holes. A rubber gasket is used between box and cover to make it water-tight.

List Prices. Japanned Finish.

No. 1969 Box and Plug Cover as shown	\$2.00
No. 1969 Plug Cover only	1.00
No. 1969 Nipple Cover only	1.00
No. 1969 Flat Cover only	.90
Seperate Gaskets for either cover	.10

Extension Nipple No. 1951 or Flush Plug No. 1928 shown on page 31 may be used with the above box for extending or sealing cover outlet.

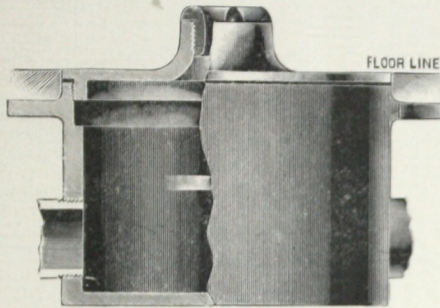
Price of Porcelain Lined boxes on application.

We manufacture Boxes for Marine, Sub-Marine and other Special Purposes.

KRANTZ

TRADE MARK.

KRANTZ WATER-TIGHT FLOOR BOXES.



(Box with Stem Cover.)

This type of box is made of cast iron in three sizes:

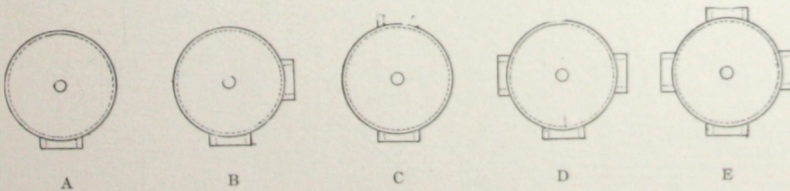
Box No.	903	904	905
Diameter,	5½ ins.	6 1-8 ins.	7½ ins.
Depth,	5½ ins.	5½ ins.	5½ ins.
For	1 in. pipe	1¼ in pipe	1½ in. pipe.

The cut shows the box with brass cover, fibre outlet bushing and rubber gasket.

If desired, plugs and receptacles connection blocks or cut-outs can be placed inside of the boxes for making flexible cord connections.

Stem covers, as well as flat and nipple covers, are made of heavy cast brass, finely finished and lacquered.

DIAGRAM OF OUTLETS.



The prices of porcelain lined or japan finished boxes will be given upon application.

State number required and give full particulars both as to box and style of cover desired.

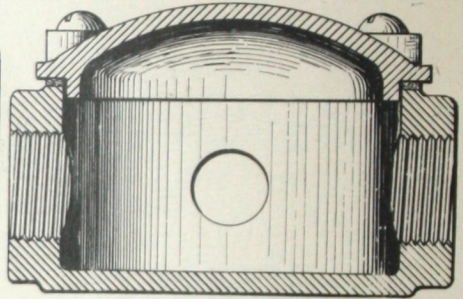
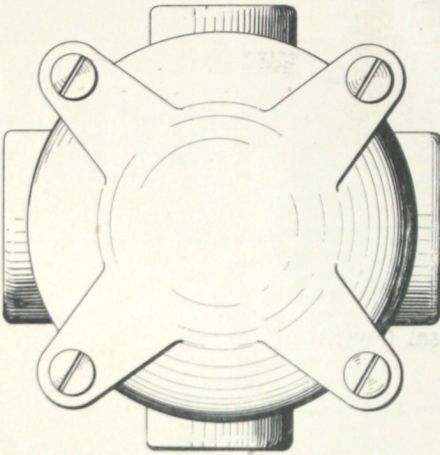
Special Boxes for ANY NUMBER OF CONNECTIONS made to order. Send sketch, or data, and we will quote prices.

KRANTZ

TRADE MARK.

CAST IRON WATER-TIGHT CONDUIT OR JUNCTION BOXES.

No. 340.



Top view showing cover and lug extensions. Cover is held in place by means of four bolts extending through lugs cast on outside of box and cover.

Sectional view.

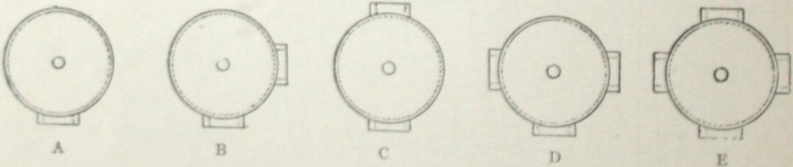
Dimensions inside diameter $3\frac{1}{2}$ "—Depth 2"—Cover $\frac{1}{2}$ "

Outside dimensions $5\frac{1}{4}$ x $4\frac{3}{4}$ x 3" high.

A rubber gasket between box and cover serves to make a water-tight joint.

Conduit holes up to 1" in diameter are drilled and tapped as per diagrams below.

DIAGRAM OF OUTLETS.



LIST PRICES.

No. 340,	A	B	C	D	E
	\$1.20	\$1.35	\$1.35	\$1.45	\$1.50

Japanned.

Gaskets included.

We manufacture Iron, Steel and Brass Boxes for Standard and Water-tight Installations.

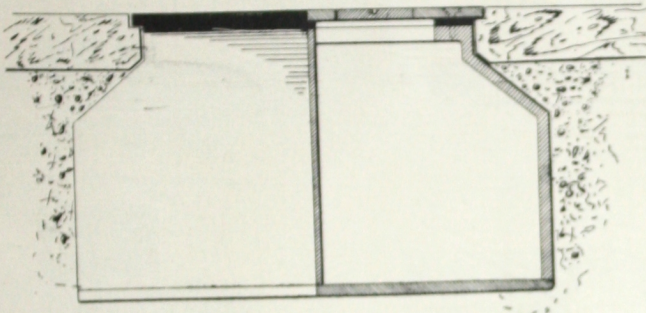
KRANTZ

TRADE MARK

THREE-SECTION WATER-TIGHT FLOOR BOXES.

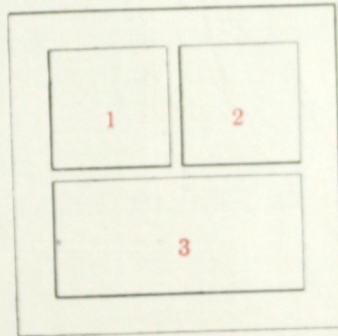
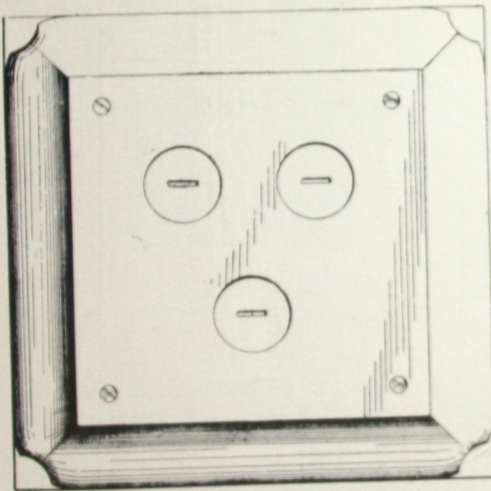
No. 350.

This type
box is
especially
adapted



For
concrete
floor
installa-
tions.

Sectional view showing construction.



Showing inside compartments or
sections 1, 2 & 3.

Cover construction showing the three-section
outlet openings with caps.

This box is made of heavy cast iron.

The cover is of heavy brass held in position by 4 screws.

The outlets are $1\frac{1}{4}$ " in diameter, threaded and fitted with slotted brass caps as shown for closing the openings.

A rubber gasket between box and cover serves to make it water-tight.

DIMENSIONS.

Height over cover	4 7-8"	Inside, depth	4 $\frac{1}{4}$ "
Length and Width of cover	5 7-8"	Compartments 1 & 2, 1	7-8 x 1 7-8 x 4 $\frac{1}{4}$ "
" " " bottom	8"	3	1 7-8 x 4 $\frac{1}{4}$ x 4 $\frac{1}{4}$ "

List Price, **\$14.00** each.

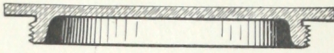
In ordering send diagram and size of conduit to be used.

We will submit sketches and quote prices on Boxes for Concrete, Tile, or other Floors,
on receipt of detailed requirements.

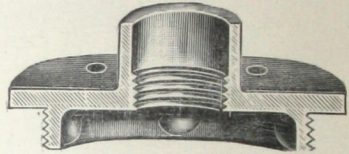
KRANTZ

TRADE MARK

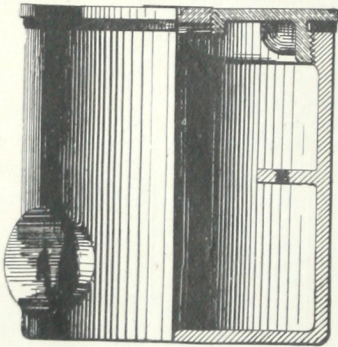
WATER-TIGHT FLOOR AND RECEPTACLE BOXES.



Solid Cover No. 1919.

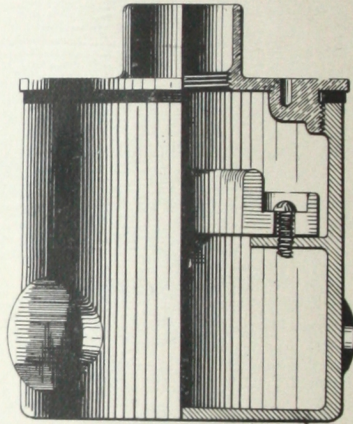


Nipple Cover 1915, $\frac{1}{2}$ "—1916, $\frac{3}{4}$ "



Standard Floor Box No. 1960 with cover No. 1917 which has removable flush plug.

List price, complete, **\$2.20** each.
Japanned finish.



Standard Floor Box No. 1961 with Cut-out No. 1912, and Nipple Cover No. 1915 for $\frac{1}{2}$ " pipe or—
" 1916 " $\frac{3}{4}$ " "

List price, complete, **\$2.80** each.
Japanned finish.

OUTSIDE DIMENSIONS.

Box and Cover, Closed.....	$3\frac{3}{4}$ "	Box and Cover, Closed	$4\frac{1}{2}$ "
Diameter of cover.....	$3\frac{3}{4}$ "	Diameter of cover.....	$3\frac{3}{4}$ "
" of box over bosses.....	$4\frac{1}{4}$ "	" of box over bosses.....	$4\frac{1}{4}$ "
Cover adjustment.....	3-8"	Cover adjustment.....	3-8"

These boxes are made of heavy cast iron and are drilled and tapped for conduit as per diagrams. The covers are of heavy brass, highly polished and lacquered. Lugs are cast in the boxes for fastening receptacles or cut-outs. The cut-out shown is No. 1912.

A rubber gasket between box and cover serves to make it water-tight.

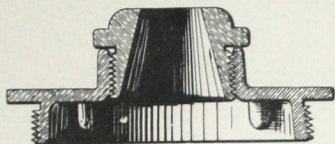
No. 1917 Flat Plug Cover only.....	} \$1.00 each
" 1919 " Solid " "	
" 1915 Nipple Cover for $\frac{1}{2}$ " pipe	
" 1916 " " " $\frac{3}{4}$ " "	

Always state size of conduit in ordering.
For diagram of outlets see page 24.

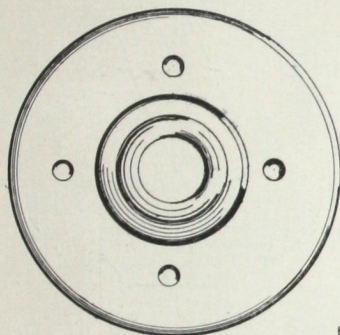
KRANTZ

TRADE MARK.

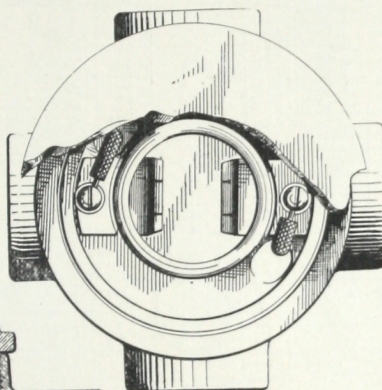
WATER-TIGHT PLUG & RECEPTACLE FLOOR BOXES.



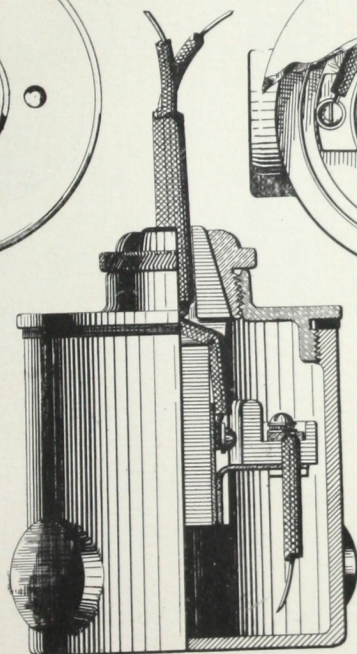
Sectional view of Cover No. 1909.



Top view of Cover No. 1909, showing wrench holes and removable screw cap.



View through top of box showing Receptacle, Contacts, and connections.



Standard Plug and Receptacle Box No. 1962.

OUTSIDE DIMENSIONS.

Box and Cover closed.....	4 3/4"	Diameter of box over bosses.....	4 1/4"
Diameter of Cover.....	3 3/4"	Cover adjustment.....	3-8"

List price, complete, **\$4.30** Japanned finish.

The box is heavy cast iron and is drilled and tapped for conduit up to one inch. The cover is heavy brass polished and lacquered and is fitted with a removable screw cap turned inside to fit top of plug. The plug is 3 1/2 x 1 1/4" and has ample copper contact surfaces and a large wire way drilled through center for wires.

A rubber gasket between box and cover serves to make it water-tight.

Extension Nipple No. 1951 shown on page 31, **\$1.20** extra.

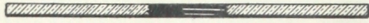
Slotted Cap No. 1928-A or Flush Cover No. 1919 may be used with this box.

We have every modern facility for making Special Plug and Receptacle Boxes for any condition of service.

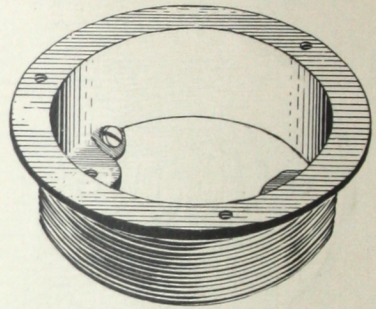
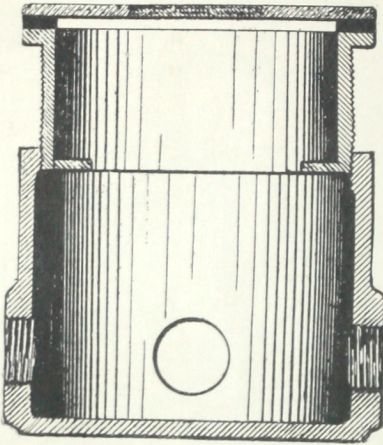
KRANTZ

TRADE MARK

WATER-TIGHT FLOOR BOXES WITH ADJUSTABLE COVERS.



Sectional view of Cover No. 1946.



Cover Adjustment Ring No. 1943.

Standard Floor Box No. 1964, with adjustable cover No. 1946, which has removable flush plug.

OUTSIDE DIMENSIONS.

Box and Cover Closed.....	3"
Diameter of Cover.....	3 $\frac{3}{4}$ "
" of Box over bosses.....	4 $\frac{1}{4}$ "
Cover Adjustment.....	1"

List price, complete, Japanned finish, **\$2.40**

The box is heavy cast iron and is drilled and tapped for conduit up to one inch as shown in diagrams on page 24. The cover is heavy brass, highly polished and lacquered. Lugs or ears are cast in the adjustment ring for fastening cut-outs or receptacles.

A rubber gasket between box and cover serves to make it water-tight. No. 1946 Flush Plug Cover, only **60c.** each.

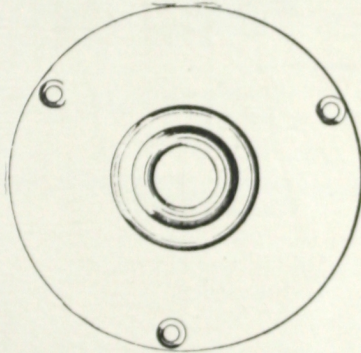
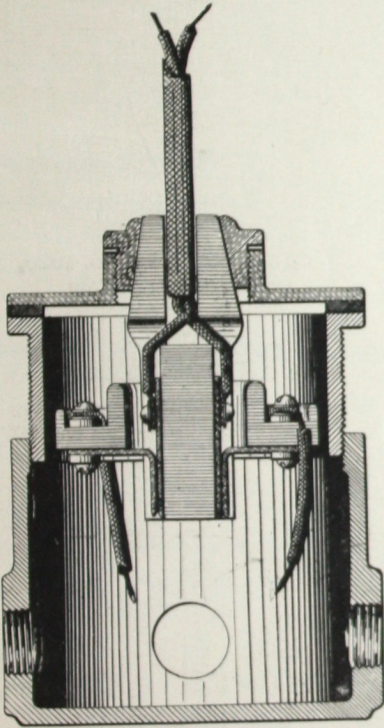
Our No. 1912 Cut-Out shown on page 26, or other Standard makes of Cut-Outs can be used in the above box.

KRANTZ

TRADE MARK

WATER-TIGHT FLOOR BOXES WITH ADJUSTABLE COVERS.

FITTED WITH PLUG AND RECEPTACLE.



Top View of Cover.

Standard Floor Box No. 1945 with adjustable Cover No. 1941.

This is a heavy cast iron box and is made in two sizes. It is drilled and tapped for conduit up to one inch.

High—Minimum height.....	4 $\frac{3}{4}$ "	Maximum height	6"
Shallow— " "	3 $\frac{3}{4}$ "	" "	4 $\frac{3}{4}$ "

List price, complete, **\$5.00** each. Japanned finish.

The cover is heavy brass highly polished and lacquered. The plug is 3 $\frac{1}{2}$ x 1 $\frac{1}{4}$ " and has ample copper contact surfaces and a large wire way drilled through center for wires.

Extension Nipple, No. 1951.....	\$1.20 extra.
Slotted Plug, No. 1928-a.....	.36 "
Flat Plug Cover, No. 1946.....	.60 "

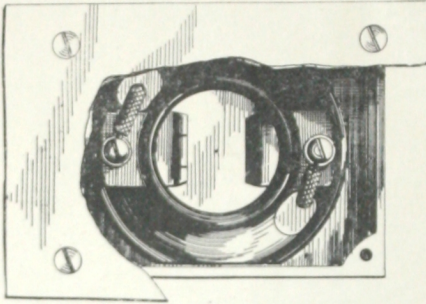
Water-tight Boxes Nos. 1932, 1945, 1960, 1961 and 1962 may be had Porcelain Lined if desired. Prices on application.

KRANTZ

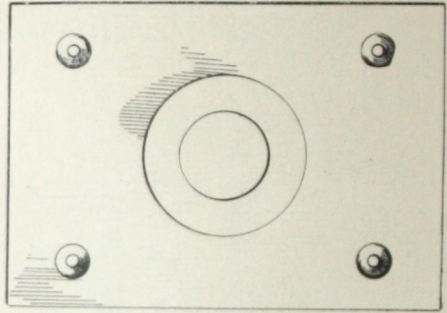
TRADE MARK.

WATER-TIGHT PLUG AND RECEPTACLE BOXES FOR PARQUET FLOORS.

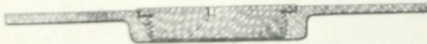
No. 1932.



Section through cover No. 1926,
showing Receptacle No. 1908-a
and contacts.



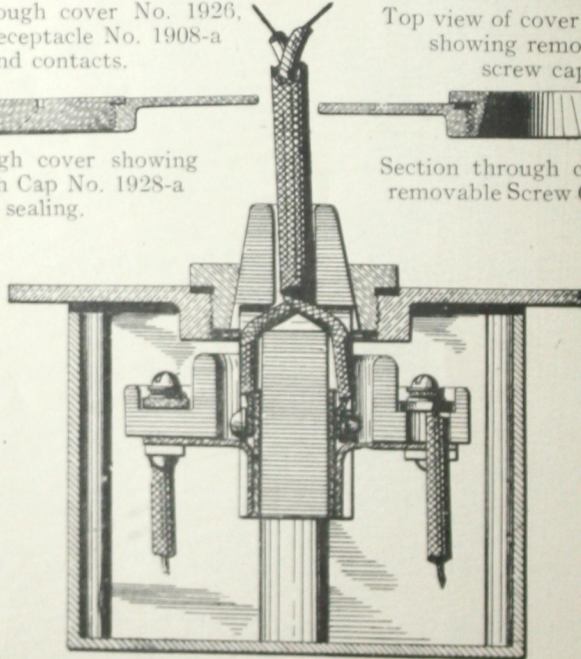
Top view of cover No. 1926,
showing removable
screw cap.



Section through cover showing
Slotted Flush Cap No. 1928-a
for sealing.



Section through cover showing
removable Screw Cap No. 1927.



Inside
Dimensions,
3 5-8 x 2 3/4"
Depth, 2 7-8"

Cover
Dimensions,
3 1/2 x 5"
Outlet 1 1/2"

List Price, complete, **\$5.00** each. Japanned finish.
This box is rectangular in shape. It is made of cast iron and is drilled and tapped for conduit up to one inch.
The cover is heavy cast brass highly polished and lacquered.
A rubber gasket is used between box and cover to make it water-tight.

Extension Nipple No. 1951 **\$1.20** each.

Slotted Flush Cap No. 1928-a **.36** "

We are prepared to manufacture special sizes or shapes of Boxes for Parquet or Tile Floors. State your requirements and we will quote prices.

KRANTZ

TRADE MARK.

FLOOR BOX COVERS, WRENCHES, CAPS AND EXTENSION NIPPLES.

BRASS OUTLET CAP } No. 1928 PLAIN
 } No. 1928-a SLOTTED

Diameter $1\frac{3}{4}$ "

This style cap is used for sealing cover outlets in Nos. 1961, 1962, 1945, 1932 boxes.

It is made either plain or slotted, is highly polished and lacquered to match the covers.

List price (either plain or slotted), 36c.

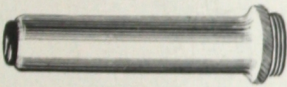


Section.

BRASS EXTENSION NIPPLE (WITH FIBRE BUSHING) No. 1951

Length 6". Diameter $1\frac{3}{4}$ ". Threaded for $\frac{1}{2}$ " or $\frac{3}{4}$ " outlets. This nipple is used to extend cord outlets in covers of Nos. 1932, 1945, 1961, 1962 boxes.

List price, polished finish \$1.20



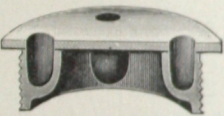
FLAT BRASS COVER No. 1919.

Diameter $3\frac{3}{4}$ ".

This is a solid cover without any opening and fits Nos. 1960, 1961, 1962 boxes.

We can furnish this cover with extension thread up to 4" deep at special prices.

List Price (as shown) polished finish \$1.00

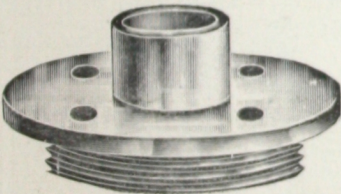


NIPPLE COVER No. 1915 FOR $\frac{1}{2}$ " PIPE.
" " " 1916 " $\frac{3}{4}$ " "

Diameter $3\frac{3}{4}$ ".

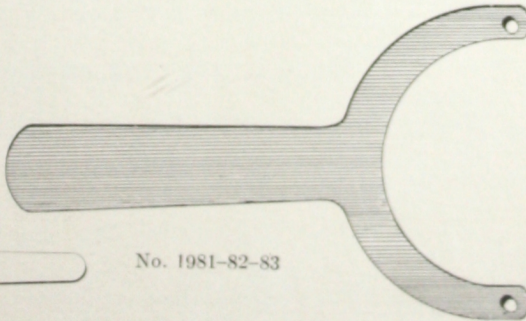
This cover is provided with a threaded neck which extends $\frac{3}{4}$ " above cover surface. It is threaded for either $\frac{1}{2}$ " or $\frac{3}{4}$ " conduit. Extension Nipple No. 1951, or Cap No. 1928.

List price, polished finish, \$1.00

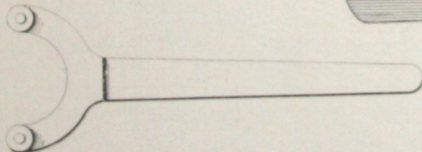


FLOOR BOX COVER WRENCHES.

These wrenches are made of a special grade of cast iron with steel points, with fit holes in box covers.



No. 1981-82-83



No. 1980

No. 1980 fits Covers No. 1909, 1915,
1916, 1917, 1919. List price.....\$1.00

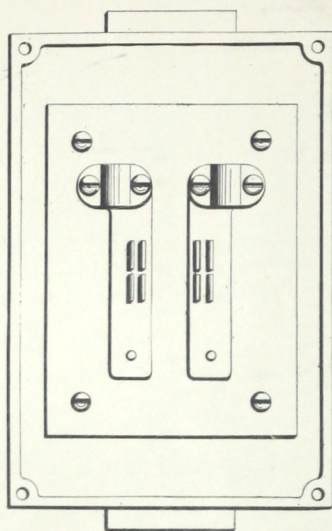
No. 1981 fits Box No. 903-List price 2.00
No. 1982 fits Box No. 904-List price 2.25
No. 1983 fits Box No. 905-List price 2.50

In ordering any of the above Accessories, please state Catalogue Number of Box
Accessory is intended for.

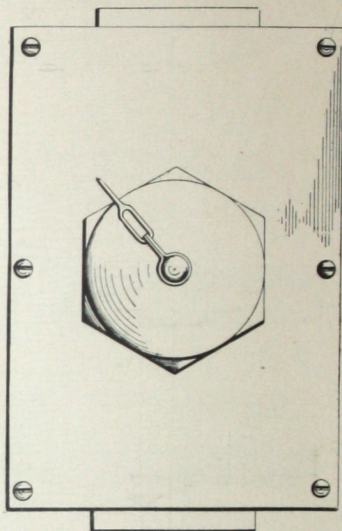
KRANTZ

TRADE MARK

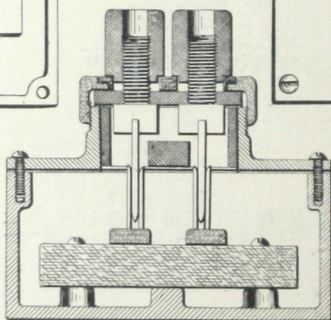
CAST IRON CUT-OUT BOXES.



Interior showing double pole cut-out.



Cover showing cap and chain.



Section showing contacts and plug receptacle.

SPECIAL CAST IRON CUT-OUT BOX No. 835.

Made of heavy cast iron, Japanned finish, in and outside.

This box is shown with a double pole slate base special type of plug cut-out.

The inside dimensions of this box are—Length 7 5-8". Width 5 1-8". Depth 2 1/4".

The opening for plug is 1 1/2" above surface of cover and is 2 1/4" in diameter. A 3" hexagon brass threaded cap attached to a chain is used to seal opening when not in use.

This box is suitable for water-tight installations.

The cover which is secured by means of four or more screws has ample room for the insertion of rubber gaskets between edge of box and cover.

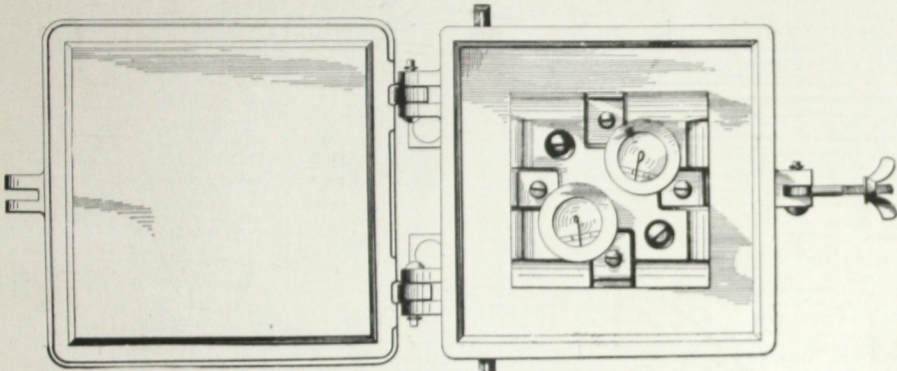
Price on application.

We build Steel, Iron or Brass Boxes for any size, make or number of Cut-Outs or Fuse Blocks.

KRANTZ

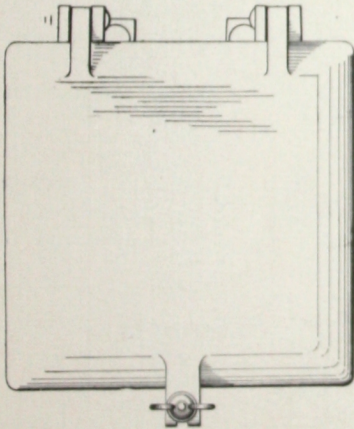
TRADE MARK

CAST IRON WATER-TIGHT SWITCH OR CUT-OUT BOXES.



No. 945.

Box open, showing cut-out.



Box closed.

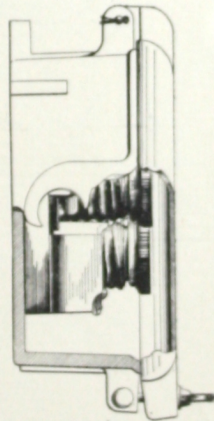
Inside Dimensions.

Length, 5 1-8"

Width, 5 1-8"

Depth, 2 1-8"

Depth of Cover, 3-8"



Sectional view,
Box closed.

This box is made of heavy cast iron. Lugs for fastening being cast on the outside or bottom of the box. The hinges and fastening clamps are cast in the box and cover. The cover has a round edge outside which overlaps the edge of box. A groove is provided inside of cover for holding a rubber ring or gasket, which makes an absolutely water-tight or dust proof joint.

Conduit or wire holes up to one inch in diameter are drilled and tapped only when so specified in order.

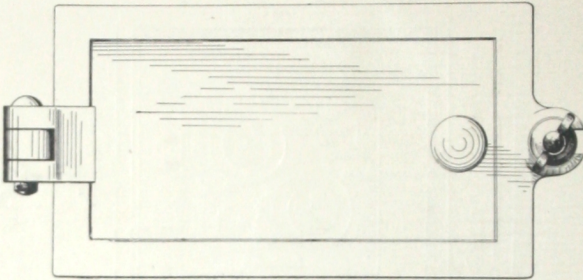
No. 945 List price, complete, Japanned finish, **\$9.00**

We manufacture SPECIAL CUT-OUT BOXES in any size desired for either Standard type or Special Cut-Outs. State YOUR requirements when asking for prices.

KRANTZ

TRADE MARK

HEAVY CAST IRON WATER-TIGHT SWITCH BOXES. WITH WINGED-NUT CLAMP FASTENINGS.



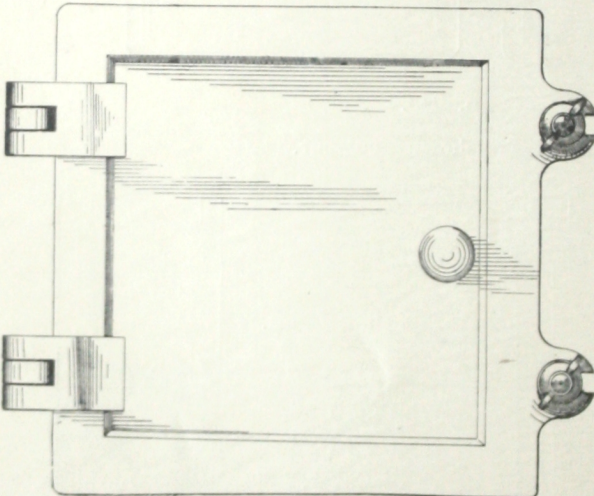
No. 946.

Inside Dimensions:
Length 7",
Width 4 $\frac{3}{4}$ ",
Depth 4".

Single hinge & clamp.

Outside Dimensions:
Length 10",
Width 6",
Height 6 $\frac{1}{2}$ ".

List price.... **\$12.50**
Japanned Finish,
with Gaskets.



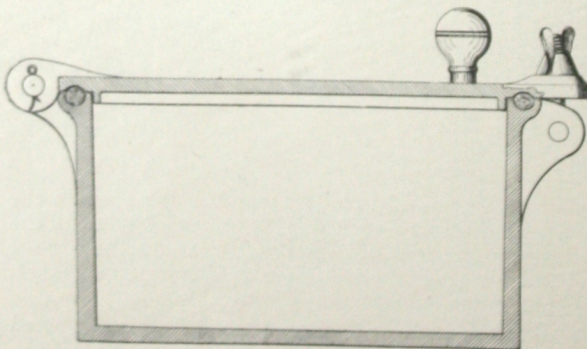
No. 947.

Inside Dimensions:
Length 7",
Width 7 5-8,
Depth 4".

Double hinges
and clamps.

Outside Dimensions:
Length 10",
Width 9",
Height 7".

List price.... **\$15.00**
Japanned Finish,
with Gaskets.



Nos. 946 & 947.

Sectional view showing construction.

These boxes, including hinges, lugs and clamps are cast in one piece. The cover with hinge and clamp lug is cast in one piece also.

A channel is cast in each section so that a soft round rubber ring or gasket may be inserted to make the box water-tight.

Conduit or wire holes up to 1 $\frac{1}{2}$ " in diameter will be drilled when so ordered and accompanied by drilling diagram.

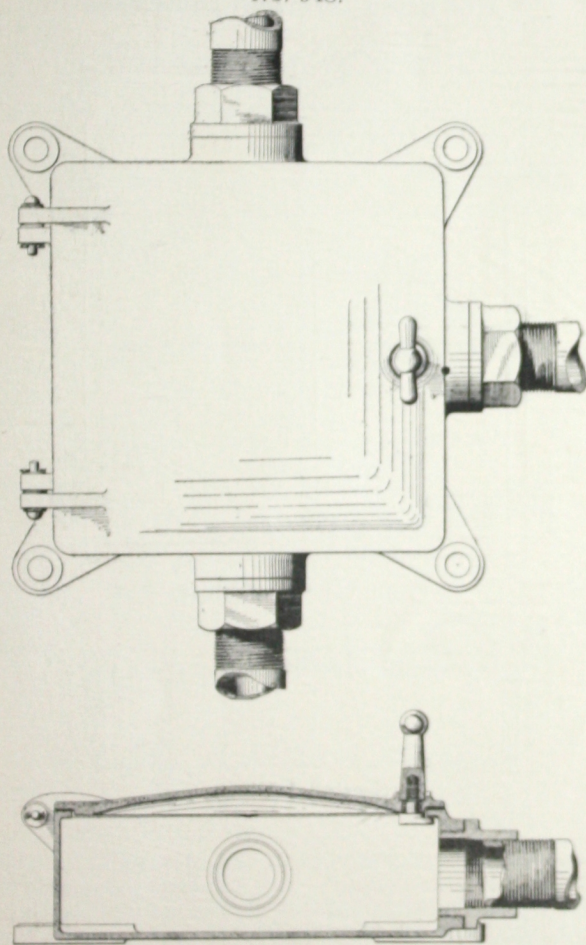
Any of the Boxes shown in this bulletin may be had **Porcelain Lined**. Prices for Porcelain Lined Boxes where not given herein will be quoted on application.

KRANTZ

TRADE MARK.

CAST IRON WATER-TIGHT CONDUIT OR JUNCTION BOXES.

No. 948.



Sectional View.

This box including the lugs for fastening to wall is cast iron and is in one piece.

The oval or curved cover is also of cast iron and is fitted with a **Nickel Plated** Vault handle bolt. A rubber gasket between box and cover serves to make it water-tight.

Inside Dimensions—Length $10\frac{1}{2}$ ", Width $10\frac{1}{2}$ ", Depth $4\frac{1}{4}$ ".

Length outside over Lugs, $13\frac{1}{4}$ ".

Width " " " $13\frac{1}{4}$ ".

Height " " " Handle, 6 5-8".

List Price, Japanned Finish, **\$30.00.**

State size of conduit holes in ordering.

Boxes may be **Galvanized outside**, and **Porcelain Lined inside** if desired. Prices for these, or other special finishes, on application.

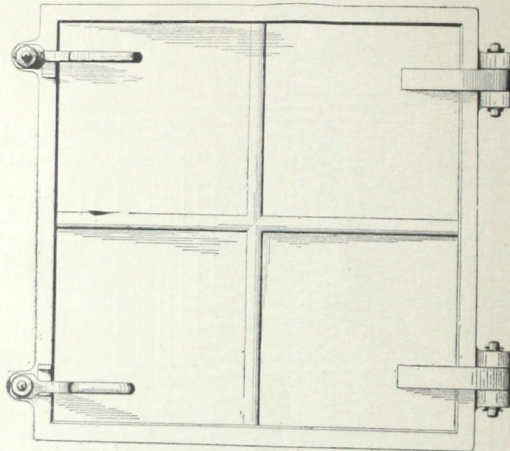
KRANTZ

TRADE MARK.

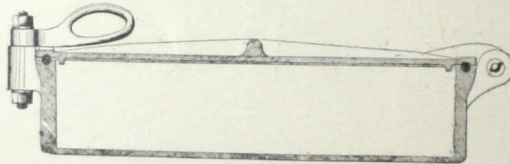
WATER-TIGHT IRON CABINET.

With Double Lever Door Fastenings.

No. 950.



Front view of Cabinet.



Sectional View.

This cabinet is made of cast iron, being cast in one piece. The cover is cast in one piece, and is heavily "webbed" or reinforced by outside cross bars cast in the cover as shown. The hinge lugs are cast as are also the lever handle supports for securing the door. A rubber gasket is used to make the box water-tight.

Inside Dimensions,	Length	18"	Width	18"	Depth	4"
Outside	"	"	20 1/4"	"	23"	" 7"

List Price, Japanned Finish, **\$50.00**

The above cabinet or box is suitable for a Service, Junction, Pull, Switch, Fuse or Cut-out box, or for such other installation purposes where an **Extra Heavy**, absolutely water-tight enclosure is required for apparatus or material. It will be drilled for conduit up to 2" but only when so stated in order and accompanied by drilling diagram.

We build Iron, Steel, Brass, Bronze and other metal Cabinets. See inside back cover of this bulletin.

KRANTZ

TRADE MARK

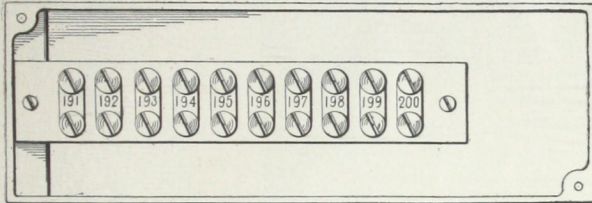
Cast Iron Boxes For Use With Inter-Connection Strips.

Outside
Dimensions.

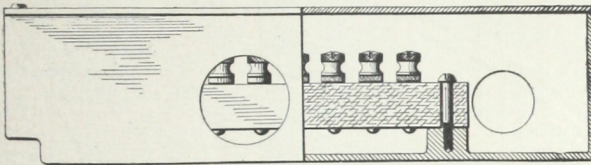
Length, 10"

Width, $3\frac{1}{2}$ "

Height, $2\frac{5}{8}$ "



Interior
View,
showing a
Ten Section
Strip
in place.



Sectional
View.

Inside Dimensions—Length 9 5-8", Width 3 1-8", Depth 2 3-8".
Step and Post are 5-8" above bottom.

These boxes are made of cast iron. The covers are held in position by two or more screws as shown in cut. A step is cast in one end and a raised post on bottom of the box act as supports for the slate base of strip. The inter-connection strip is held in position on the supports by means of bolts. Ample room is provided in this box for making the connections.

Conduit holes drilled to suit connections.

We make these boxes for the accommodation of any number of strips.

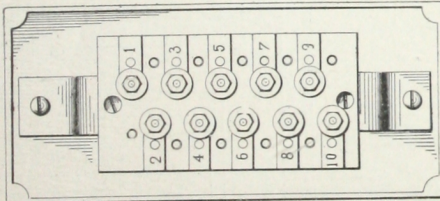
List Price—No. 925 Ten Connection Box complete **\$3.20.**

Outside
Dimensions.

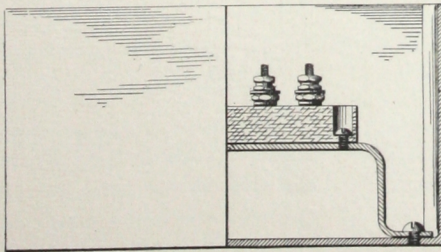
Length, $7\frac{1}{2}$ "

Width, $3\frac{3}{8}$ "

Height, $4\frac{1}{4}$ "



Interior View
showing a
Ten Section
Strip
in place.



Sectional View
showing manner
of fastening
strip in box.

Inside Dimensions—Length $7\frac{1}{4}$ ", Width 3 1-8", Depth 4".
Brace is 1 5-8" above bottom.

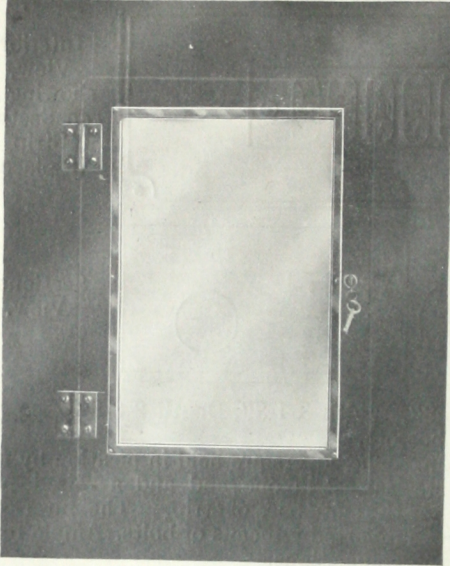
List Price—No. 935 Ten Connection Box complete **\$3.20.**

The Inter-Connection Strips shown in the above Boxes are The KRANTZ Patented (H. K.) Strips.

KRANTZ

TRADE MARK.

STANDARD STEEL TRIM AND DOOR.



Style No. 12

with Plate Glass Door Panel
fitted in a **Polished**
Copper Frame.

This style Door and Trim is used
in connection with standard
steel boxes shown below.



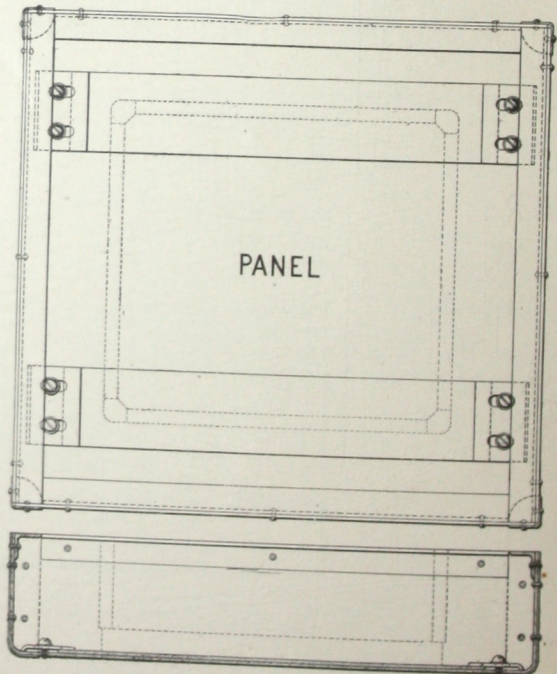
No. 1. B.-1.

Standard $\frac{1}{8}$ " Steel Box.

These Boxes are made from one piece of steel up to 60" in length. Larger sizes are built up.

Panels are held in position by means of four or more clamps furnished with boxes.

Iron straps are furnished with all panels for use in steel boxes.

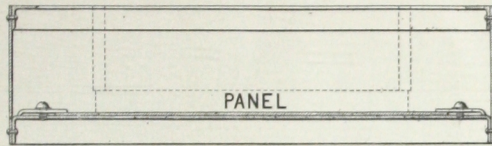


In ordering Steel Boxes, Trims, etc., state Length, Width and Depth of Boxes. If Gutter compartment is wanted, state width and number and size of main and circuit holes. For Trims always give size of door opening.

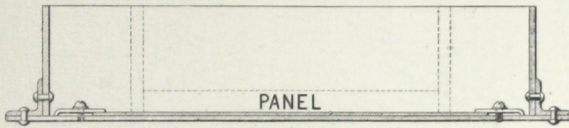
KRANTZ

TRADE MARK.

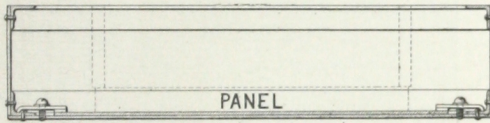
SPECIAL STYLES OF STEEL BOXES.



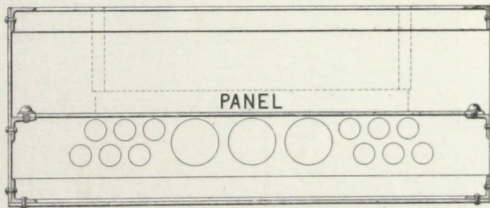
STYLE I. B.-2



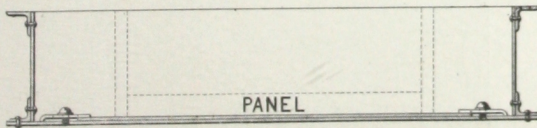
I. B.-3



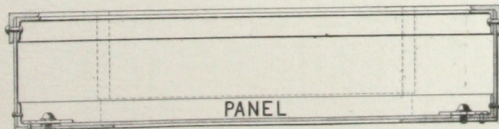
I. B.-4



I. B.-5



I. B.-6



I. B.-7

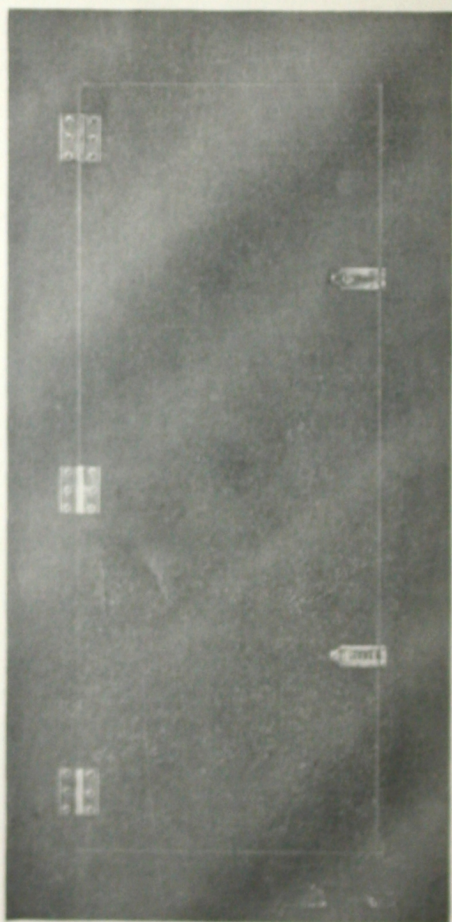
These boxes are constructed of $\frac{1}{8}$ ", $\frac{3}{16}$ " and $\frac{1}{4}$ " sheet steel. They are built in any size desired and conduit holes will be pierced when so specified in order.

Prices quoted on receipt of data which should be explicit as to style of box quantity, length, width, depth, number and size of holes, threaded or unthreaded.

The Steel Boxes shown above are so arranged that any of our Standard or Special Steel or Wood Trims may be used with them.

KRANTZ
TRADE MARK.**SPECIAL STEEL TRIM AND DOOR.**

Style No. 14.



The trim shown above is made of 1-16", 1-8" or 1-4" sheet steel. Our facilities are such that we can build this style trim in any size with solid or glass doors, with plain Iron, Brass or Copper Frames; with either single or double doors and with any style hardware to meet conditions presented.

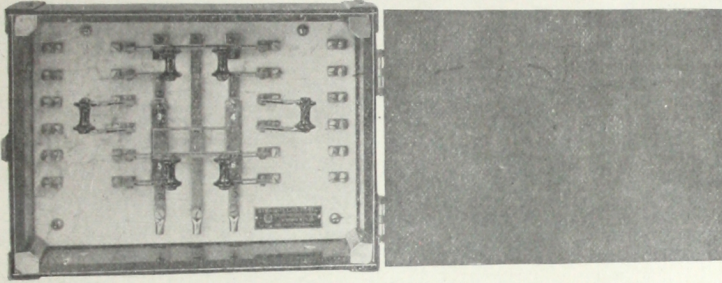
In asking quotations on this class of material be very explicit as to size, door openings, thickness of stock, hardware, etc., etc.

We build Wood Trims as well as Metal Trims. See our Bulletin No. 20, Panel Boards and Accessories, in which we show a few styles of Wood Trims and Doors, etc.

KRANTZ

TRADE MARK

SPECIAL STEEL BOXES AND CABINETS. ENAMELED STEEL CABINET. For Gutter Box.

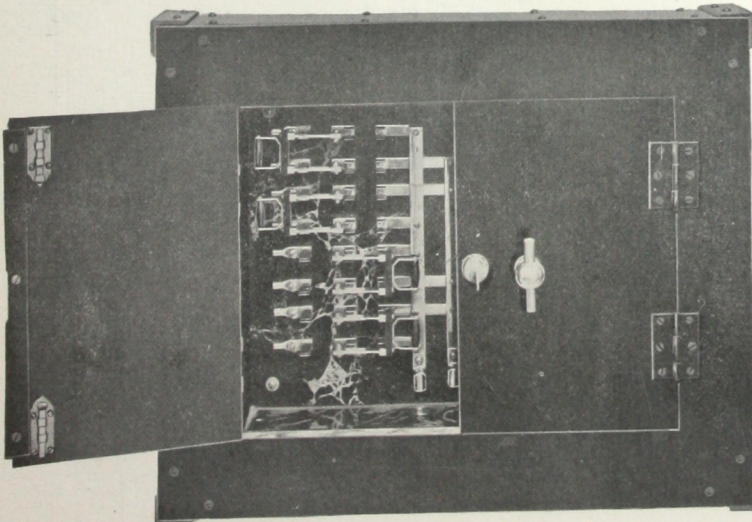


STYLE No. 11.

Built of Sheet Steel with corner braces.
Door is of one piece; Hinges being riveted on.
Heavy outside Catch and lock.
Standard finish is Black Enamel baked on.

ENAMELED STEEL INNER CABINET WITH DOUBLE DOORS. For Gutter Box.

Fitted with Nickel Plated Vault Handles, Yale Lock and Inside Bolts.



STYLE No. 13.

Built of Sheet Steel $\frac{1}{4}$ " thick.
Standard depth of box is 5" but we are prepared to build this style box in any size required.
Prices will be quoted on application.

In asking for prices on either of the above please state in detail height, width and depth of box, size of door openings, method of fastening box, size of conduit or wire holes and finish of box and hardware.

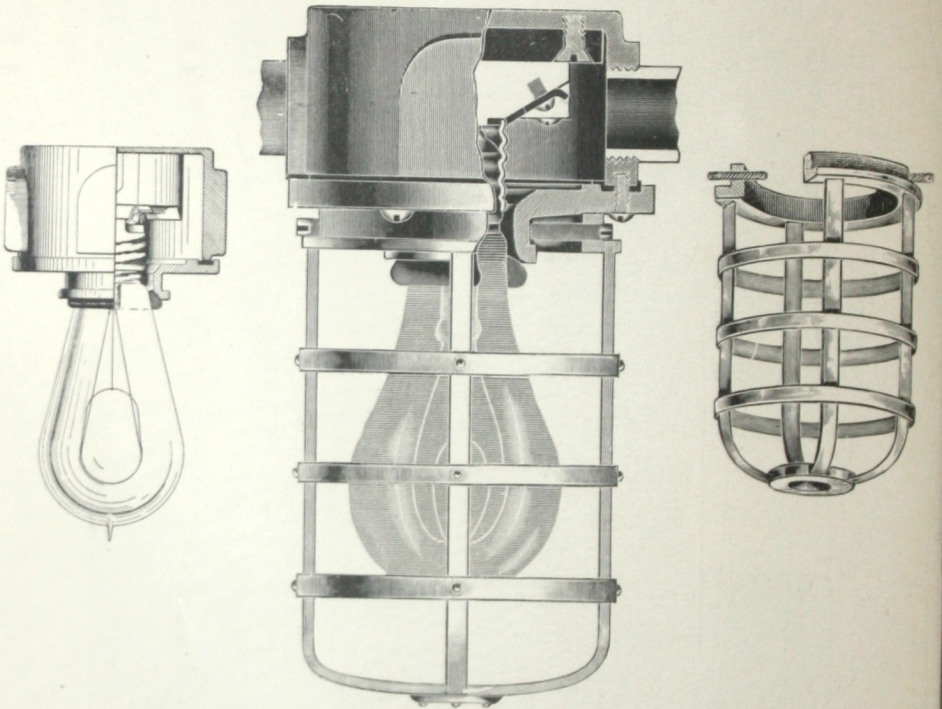
We build Sheet Steel, Iron and other Metal Boxes and Cabinets in ANY SIZE or SHAPE to meet exceptional requirements. Particulars and prices on application.

KRANTZ

TRADE MARK

WATERTIGHT LAMP GUARD BOXES.

No. 325 C.



Length over Guard $7\frac{1}{2}$ "

This box is provided with a cast iron cover, and the brass lamp guard is fastened to the cover by three screws. A soft rubber ring around the neck of the lamp makes the box water-tight. It is drilled and tapped for conduit up to one inch.

List Price, **\$2.75** each.

Complete box, Japanned finish, with Receptacle Gaskets and brass guard.

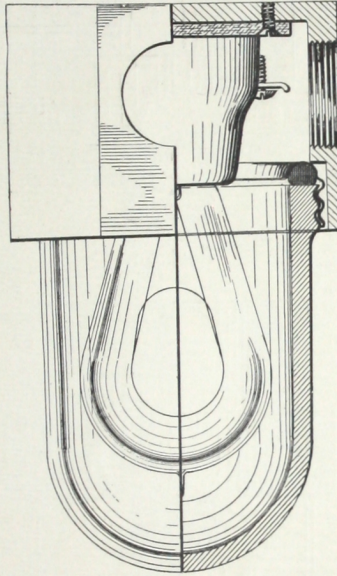
(Lamp not included.)

The above outfit may be used with or without guard as shown. See pages 16 and 17 for individual prices of No. 325 Boxes and Covers.

KRANTZ.
TRADE MARK.

HEXAGON WATER-TIGHT LAMP BOXES.

No. 2320.



This is a cast iron hexagon box, it is drilled and tapped for conduit up to 1" in diameter. The weather-proof porcelain receptacle is held in position by two screws as shown. The inside of the box proper is grooved and is fitted with a brass shell or ring which acts as a holder for the globe. A round soft rubber ring is used between the brass ring and collar of globe to make the joint moisture-proof.

No guard is used with this box.

Dimensions outside:

Box 2 5-8" Deep, 3 3-4" Wide.

Length of Box and Globe 6 1/2".

Standard Finish. Black Japan.

List Price.

No. 2320 Box with receptacle and outer Globe.....**\$3.50**
(Lamp not included.)

In ordering please state size of conduit.

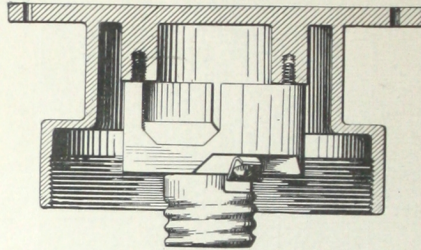
We make Special Ceiling, Floor, Wall and Marine Boxes for ANY condition of electrical service. State **your** requirements and we will quote prices.

KRANTZ

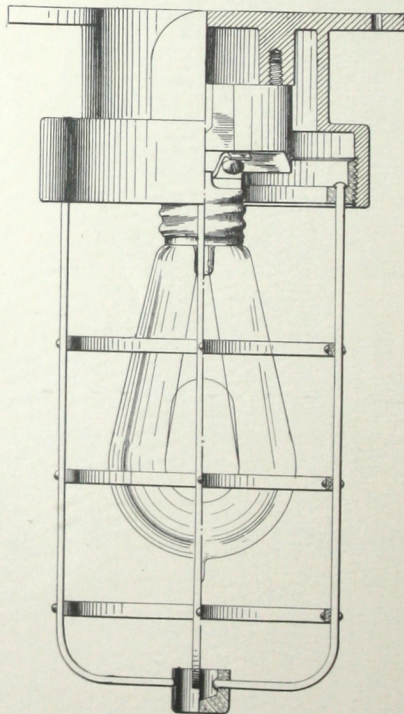
TRADE MARK

STANDARD LAMP GUARD BOXES.

No. 2304.

Width over
lugs 5"Depth over
collar $2\frac{1}{2}$ "

Section.

Length of box and
guard 9".Width of guard
4"

A.
List Price.
Box and Guard
as shown
\$3.00 each.

B.
Box and Outer
Globe only
\$2.30 each.

C.
List Price.
Complete
Box, Outer Globe,
Guard and
Gaskets,
\$3.75 each.
Lamp
not included.

This box is made on the same principle as No. 2303, described on page 45 but is smaller in size, being suitable only for a 16 C.P. Lamp. The guard and ring are brass, dipped and lacquered. In ordering please state size of conduit holes.

As priced above, these out-fits may be used for either **water-tight** or **non-water-tight** purposes. In ordering state plainly which outfit you desire, A. B. or C.

KRANTZ

TRADE MARK

EXTRA LARGE WATER-TIGHT LAMP GUARD BOXES.

No. 2303.

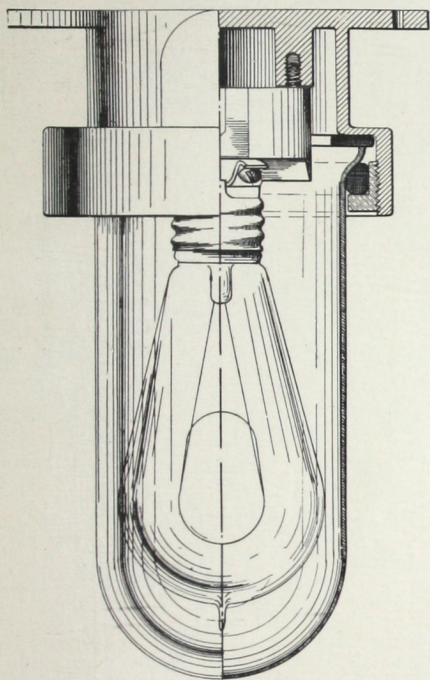


Figure 1.

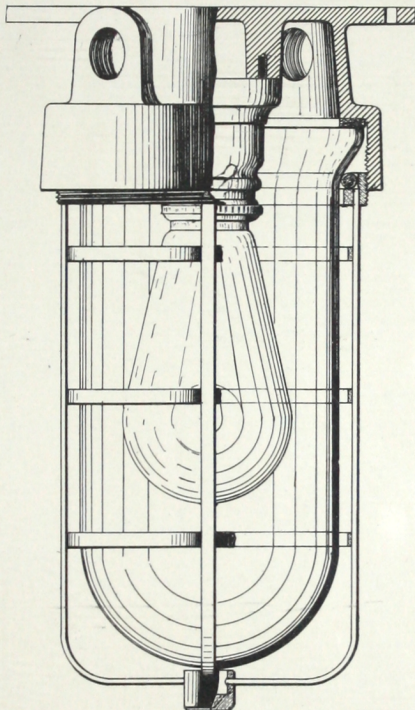


Figure 2.

Dimensions.

Width of box over lugs 6" Depth of box $2\frac{3}{4}$ "
 " " " collar 5" Length of box and guard $9\frac{1}{2}$ "
 Outer globe is $7\frac{1}{2}$ " x $3\frac{1}{2}$ " x 4 3-8" lip.

This box is made of cast iron. The guard and screw ring holder are made of brass, dipped and lacquered. The outer crystal globe is of sufficient size to accommodate a 50 C.P. Lamp.

A standard porcelain receptacle with brass cover and socket ring is used as shown in Fig. 2. Figure 1 shows outfit for use without guard. A rubber gasket is used between lip of outer globe and the box and a soft round rubber ring between brass holder and collar of the globe serves to make the box moisture proof.

List Prices.

No. 2303. Fig. 1. Box and globe as shown.....	\$4.50
" " 2. Box, globe and guard as shown.....	6.50
" " Box and Guard, without outer globe.....	5.50
(Lamp not included.)	

Price of Porcelain Lined boxes on application. In ordering **always** state size of conduit holes.

Lamp Guard Boxes of special size or shape, made of Brass or Iron, will be made to order. State **YOUR** requirements when asking for prices.

KRANTZ

TRADE MARK.

PORTABLE LAMP GUARD WITH GRAVITY SWITCH.

No. 2307.

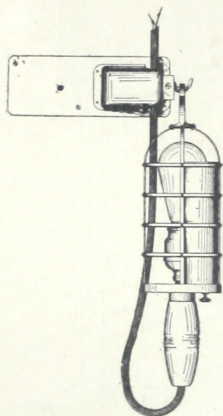


Fig. 1.

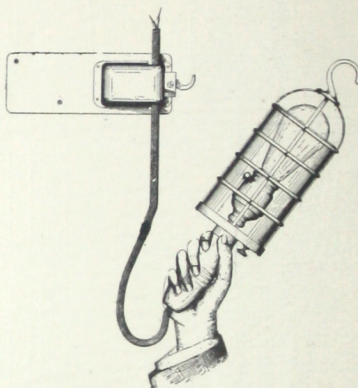


Fig. 2.

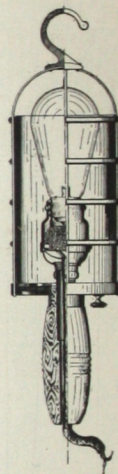


Fig. 3.

Lamp out of Service,
hanging on hook of Switch.
Current off.

Lamp in Service.
Current on.

Sectional
View.

The above illustrates our Portable Lamp Guard outfit with automatic cut-off Gravity Switch.

The guard and holder are made of brass dipped and lacquered. The shield or reflector is made of bright metal. The handle is polished maple.

Any standard type socket may be used and either a 16 or 32 C.P. Lamp.

The Gravity Switch is of the 3 Amp. Single Pole Positive acting type. It is absolutely automatic in its action and cannot get out of order. It is enclosed in a steel cover white enameled outside, which is easily removable.

Dimensions:

Length of guard and handle.....	14"
Width of guard	3 3/4"
Height of shield or reflector	6"
Switch Plate	2 3/4 x 7"
" Cover	3 7-8" x 2 1-8" x 1 1/4" deep

List Price **\$6.00**

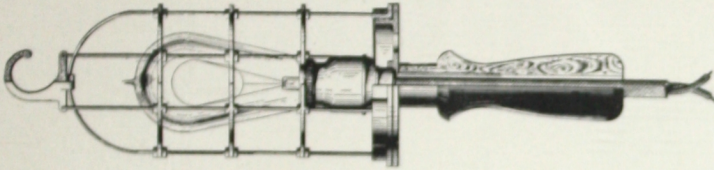
(without Lamp or Cable.)

The construction of the above outfit is substantial. It is light in weight and simple to install, yet it is intended for rough handling.

KRANTZ

TRADE MARK.

PORTABLE LAMP GUARDS.

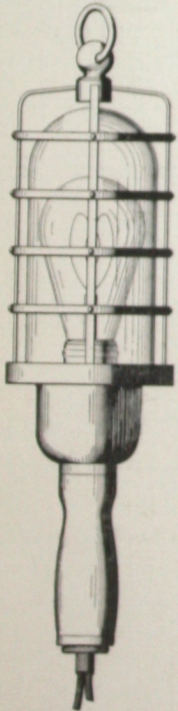


No. 2308.

This outfit consists of a very artistic brass guard made of 1-8" round brass wire and brass castings. The cross or horizontal bars are brass castings with slip joints into which the round vertical bars are sweated. The hook is a brass casting as is also the holder and bottom ring. The handle is polished and fitted with a hard rubber bushing and is drilled through for cable.

Length 14½". Width of holder 3¼". Width of guard 3½".

List Price, (Lamp not included).....\$4.00



No. 2309.

WATER-TIGHT PORTABLE LAMP GUARDS.

No. 2309.

This outfit is suitable for marine or outdoor service.

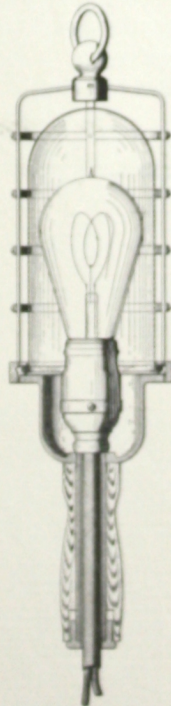
The guard-holder and bottom shell are made of brass. The Lamp socket is protected by means of the shell into which it is set. Rubber gaskets are used between all joints and a soft rubber ring between holder and outer globe serves to make all joints absolutely moisture-proof.

The handle is of maple, drilled through and fitted with a short piece of conduit for the cable. It is locked at the end by a brass bushing.

Length 15½". Width 4".

Outer Globe is 3¼" x 6".

List Price (Lamp not included).....\$6.00



No. 2309.

Cable, Cord or Wire is not included in the above prices.

Portable Lamp Guards of special design for ordinary use, or for Marine, Sub-Marine, or Mine purposes, will be made to order. State your requirements and we will quote prices.

KRANTZ

TRADE MARK.

STEEL BOXES AND CABINETS.

No. 1200.



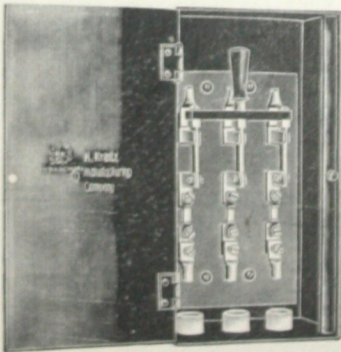
Inside Dimensions—12" x 7" x 2½" deep.

This is a sheet steel box suitable for either an inter-connection box or a panel box. It is so arranged that either a steel door or trim or a wooden trim may be used if desired.

We are prepared to furnish sheet steel boxes of this style in any size desired to meet the conditions of layout and will quote prices on receipt of specifications as to quantity, size, thickness of steel, number and size of conduit holes and finish.

STEEL SWITCH CABINETS.

No. 1300.



Inside Dimensions: 14" x 7½" x 4" deep.

(This size is suitable for our 50 Amp.
3 Pole-Switch.)

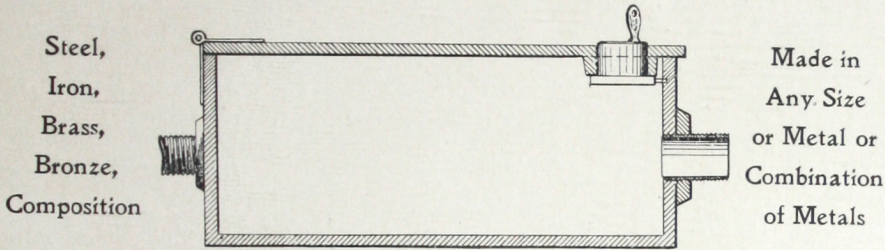
(For prices of Switches see our Bulletins
18 & 19.)

We are prepared to furnish this style cabinet in any size with either single or double doors with or without switches or bushings and will quote prices on receipt of data as to size of box, style of door, number and size of conduit holes and finish.

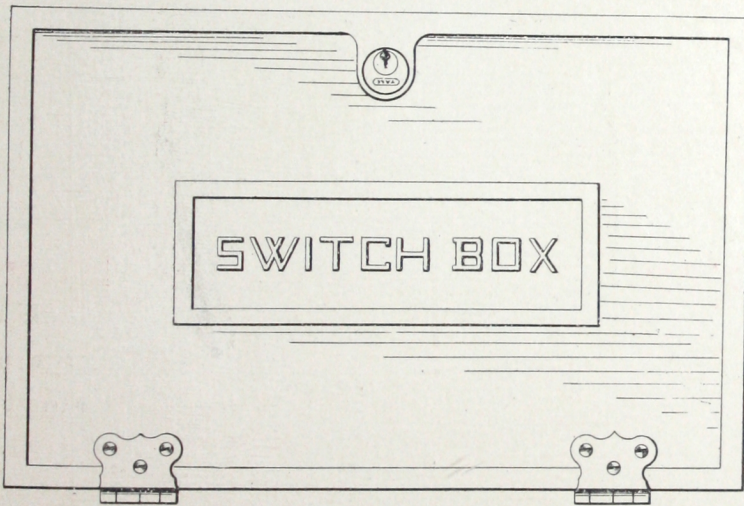
Various styles of Steel Boxes are shown on page 39 of this bulletin. Steel Trims and Doors are shown on pages 38, 40 and 41.

KRANTZ
TRADE MARK.

SPECIAL BOXES AND CABINETS.



Section.



No. 949.

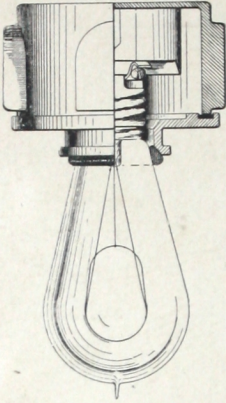
(Cast Iron Box with Cast Brass Door.)

THE GREATER PART OF THE MATERIAL shown in the preceding pages is manufactured on

OUR OWN PREMISES

We have every modern facility for executing special work requiring extraordinary care in Design, Material, Workmanship and Finish.

KRANTZ
TRADE MARK



Floor
Wall
Ceiling
Elevator

Boxes

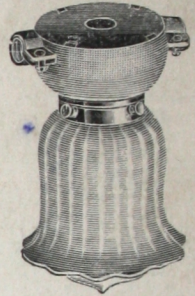
Pull
Manhole
Parquet

BOXES

For All

Electrical

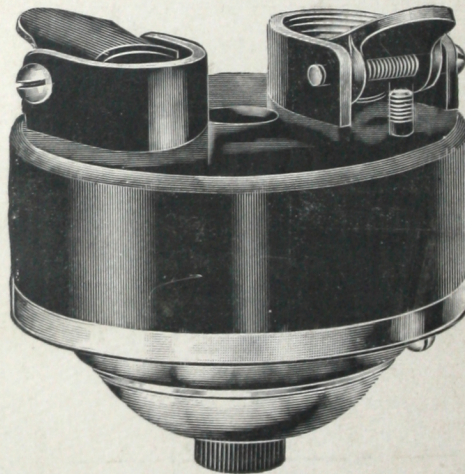
Installation Purposes



Junction
Cut-out
Switch
Panel

Boxes

Sectional
Water-tight
Concrete



MANUFACTURED BY
(Under numerous and various patents)

H. KRANTZ
MANUFACTURING CO.

160-166 Seventh Street

117-123 Eighth Street

BROOKLYN, N. Y.

